

# Department of Defense PRIME CONTRACT AWARDS

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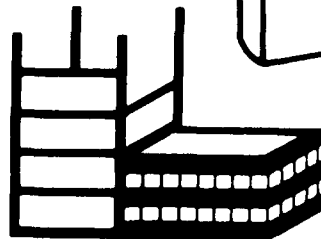
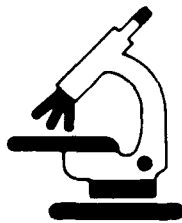
AD-A246 652 **SERVICE CATEGORY**

and

## FEDERAL SUPPLY CLASSIFICATION

Fiscal Year 1991, 1990,  
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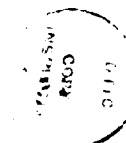
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# PRIME CONTRACT AWARDS BY SERVICE CATEGORY AND FEDERAL SUPPLY CLASSIFICATION

Fiscal Years 1991, 1990, 1989, and 1988

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## **FOREWORD**

This report is published annually. It presents data on Department of Defense (DoD) prime contract awards by Service Category and Federal Supply Classification (FSC) code for fiscal years 1988 through 1991. Data include statistics on both military functions of the DoD and civil functions of the U.S. Army Corps of Engineers.

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## INTRODUCTION

This report includes summary data on Department of Defense (DoD) prime contract awards over \$25,000 by Service Category and Federal Supply Classification (FSC) for four Fiscal Years (FY), FY 1991, FY 1990, FY 1989, and FY 1988. These are displayed in Tables 1, 2, and 3. Only the current fiscal year data are displayed in Table 4. Awards of \$25,000 or less are covered in Exhibits A and B, which are discussed along with Exhibits C through F in the "HIGHLIGHTS" section of this introduction.

Table 1 - This table covers awards for Research, Development, Test, and Evaluation (RDT&E) services. Data are displayed according to DoD procurement program categories.

Table 2 - Data on awards for Other Services and Construction are provided in Table 2, arrayed according to Federal Procurement Data System codes and descriptions. This structure, which covers all non-RDT&E services, is composed of 23 groups and approximately 1500 individual classes. Some of the groups which are shown in Table 2 include Construction of Structures and Facilities, Operation of Government-Owned Facilities, Lease or Rental of Equipment, and Utilities and Housekeeping Services. This system, now employed as a federal requirement, was originally developed for the purpose of reporting the procurement of services other than RDT&E.

Zero amounts in any given fiscal year in Table 2 indicate that one of three possibilities exist: 1) no data was reported, 2) no data existed (as with codes "B", "C", and "D" which did not exist prior to FY 1990, for example), or 3) no code existed (for example, the "R5" series codes were migrated to the "B5" series beginning in FY 1990. For a complete list of codes which were migrated between FY 1988 and FY 1989, refer to the "FORWARD" section of the FY 1989 publication.

Table 3 - This table contains data on awards for Supplies and Equipment, presented according to the appropriate FSC code and description. This structure is composed of 78 groups and approximately 740 individual classes. This system was developed primarily for supply management of items known to be in the supply system of the Federal government. Definitions of the classes appear in the *Cataloging Handbook, Federal Supply Classification, Part I, "Groups and Classes," H2-1*, which may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 4 - This table shows only current fiscal year data by DoD Component for each of the FSCs displayed by category in Tables 1, 2, and 3 above. DoD Components include the Army, Navy, and Air Force, as well as the Defense Logistics Agency (DLA), the Office of the Chief of Engineers (OCE), and the Other Defense Agencies (ODAs), such as the Defense Information Systems Agency or the Defense Mapping Agency.

While there are many similarities between the FSC codes used in this publication and the Standard Industrial Classification Codes (SIC) used by the Census Bureau of the Department of Commerce, discrepancies in the reporting of the two codes exist between the two departments. For example, in many Census Bureau reports, SIC data are categorized by the primary product of the establishment, whereas DoD categorizes all products produced by the establishment for DoD. Additionally, the Census Bureau reports in calendar years, whereas DoD reports in fiscal years. Lastly, DoD credits its obligations in the fiscal year in which the obligation occurred, whereas the Census Bureau credits its obligations in the calendar year when the product gets produced or shipped.

## DATA CHARACTERISTICS

The data presented in this report have the following characteristics:

1. Data cover only prime contracts (those awarded directly by the Department of Defense). The large number of subcontracts awarded for basic and intermediate materials and components are not reflected in this report. As an example, most of the steel plating for ships is purchased by defense prime contractors. Only a small portion is purchased directly by DoD (see code 9515). Similarly, a large dollar amount of electronic equipment is purchased by defense contractors who have received prime contracts for missiles and other weapons systems.
2. Detailed information on procurement actions of \$25,000 or less are not included in Tables 1, 2, 3, and 4 of this report. However, in each of the Fiscal Years 1988 through 1991, from more than \$10 billion to more than \$14 billion (see Exhibit B, page 4) were spent on these small transactions. The exclusion of these procurements (from Tables 1, 2, 3, and 4), therefore, understates the purchase of commercial type items and services and may overemphasize military hard good items, which are normally purchased in large dollar amounts. Due to this exclusion, for example, Subsistence Purchases (FSC Group 89) may be understated.
3. For security reasons, some contracts have been reported with a classification other than the one describing the item purchased. Therefore, data for a number of the Federal Supply Classifications presented may be incomplete.
4. Data categorizing contract awards by Service Category and Federal Supply Classification include awards to all types of contractors. In this respect, the coverage differs from other reports published by WHS/DIOR which provide this type of information only on awards to business firms in the United States.
5. Dollar amounts and percentages in Exhibit A through Exhibit F are computed in thousands of dollars even though they are shown in millions and may not add up due to rounding.

## HIGHLIGHTS

### Total Procurement

Exhibit A shows total prime contract awards categorized by the major types of business. As this exhibit shows, since FY 1990, total prime contract awards increased by \$6,182 million or 4.3 percent; awards to Business Firms increased by \$2,057 million or 1.7 percent; awards to Educational and Nonprofit Institutions increased by \$116 million or 3.3 percent; awards to Interagency/Foreign Military Sales (FMS) increased by \$1,984 million or 20.0 percent; and awards for Work Outside the United States increased by \$2,029 million or 28.4 percent.

Exhibit B shows an increase both in the actions over \$25,000 and the actions of \$25,000 or less since FY 1990. Actions over \$25,000 increased by \$5,919 million or 4.6 percent; the actions of \$25,000 or less increased by \$264 million or 1.9 percent.

### Type of Effort

Exhibit C provides data on awards over \$25,000 by Type of Effort. As shown in this exhibit, in FY 1991, awards for Supplies and Equipment accounted for 53.8 percent of the total. The balance of the awards came from Other Services and Construction, 30.9 percent, and RDT&E work, 15.3 percent.

### Awards for Research, Development, Test, and Evaluation (RDT&E) Category

Exhibit D shows FY 1991 and 1990 RDT&E comparisons by selected subprograms within the DoD claimant programs. The claimant program, "Aircraft" had the largest dollar decrease for FY 1991; the decrease in this category was \$1,221 million or 28.0 percent.

Additionally, between FY 1990 and FY 1991 (see page 10, Table 1, Concluded), Research increased by \$69 million or 7.0 percent; Exploratory Development increased by \$474 million or 26.2 percent; Other Development decreased by \$2,273 million or 12.2 percent; and Management and Support increased by \$309 million or 38.0 percent. Each procurement categories' share of the total RDT&E for FY 1991 was distributed as follows: Research accounted for 5.1 percent; Exploratory Development, 11.0 percent; Other Development, 78.6 percent; and Management and Support, 5.4 percent.

#### **Other Service and Construction Category**

Exhibit E shows the ten service groups with the greatest dollar change from FY 1990 to FY 1991. The group which increased the most for FY 1991 was Group V, "Transportation, Travel, and Relocation Services"; the increase in this group was \$2,051 million or 78.8 percent. Conversely, Group G, "Social Services" decreased the most, \$320 million or 68.2 percent.

#### **Federal Supply Classification (FSC) Category**

Like Exhibit E, Exhibit F also shows a comparison of the ten FSC groups with the greatest dollar change from FY 1990 to FY 1991. The group which increased the most for FY 1991 was Group 23, "Ground Effect Vehicles, Motor Vehicles, Trailers, & Cycles"; the increase in this group was \$1,904 million or 107.1 percent. Conversely, Group 58, "Communication, Detection, & Coherent Radiation Equipment" decreased the most, \$2,940 million or 31.7 percent.

## EXHIBIT A

(Dollars in Millions)

Type of Contractor	FISCAL YEAR			
	1991	1990	1989	1988
TOTAL AWARDS 1/	\$ 150,855	\$ 144,673	\$ 139,343	\$ 151,353
Business Firms for Work in the United States	125,878	123,821	120,003	130,815
Educational and Nonprofit Institutions	3,646	3,530	3,272	3,469
Interagency/FMS	11,948	9,964	9,579	8,919
Work Outside the United States	9,178	7,149	6,381	8,149
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Business Firms for Work in the United States	83.4	85.6	86.1	86.4
Educational and Nonprofit Institutions	2.4	2.4	2.3	2.3
Interagency/FMS	7.9	6.9	6.9	5.9
Work Outside the United States	6.1	4.9	4.6	5.4

## EXHIBIT B

(Dollars in Millions)

Type of Action	FISCAL YEAR			
	1991	1990	1989	1988
TOTAL AWARDS	\$ 150,855	\$ 144,673	\$ 139,343	\$ 151,353
Actions Over \$25,000	136,677	130,758	128,958	137,049
Actions of \$25,000 or less	14,178	13,914	10,385	14,303
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Actions Over \$25,000	90.6	90.4	92.5	90.5
Actions of \$25,000 or less	9.4	9.6	7.5	9.5

1/ Commencing in FY 1989, the total includes tariff or regulated acquisitions of \$25,000 or less not included elsewhere in this table.

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## EXHIBIT C

(Dollars in Millions)

Type of Effort	FISCAL YEAR			
	1991	1990	1989	1988
TOTAL AWARDS (Over \$25,000)	\$ 136,677	\$ 130,758	\$ 128,958	\$ 137,049
RDT&E	20,898	22,319	23,206	22,543
Other Services and Construction	42,251	36,440	33,249	35,982
Supplies and Equipment	73,528	71,999	72,503	78,525
	Percent of Total			
TOTAL AWARDS (Over \$25,000)	100.0	100.0	100.0	100.0
RDT&E	15.3	17.1	18.0	16.4
Other Services and Construction	30.9	27.9	25.8	26.3
Supplies and Equipment	53.8	55.1	56.2	57.3

## EXHIBIT D

(Dollars in Millions)

RDT&E by Claimant Program	FISCAL YEAR		CHANGE	
	1991	1990	Amount	Percent
RDT&E by Program - Total	\$ 20,898	\$ 22,319	\$ 1,421-	6.4-
Aircraft	3,143	4,364	1,221-	28.0-
Missiles & Space Systems	6,649	6,865	215-	3.1-
Ships	588	501	87	17.4
Tanks & Automotive	477	368	109	29.7
Weapons	336	450	114-	25.3-
Ammunition	439	697	258-	37.1-
Electronics and Communications Equipment	3,814	3,925	111-	2.8-
Services	4,390	4,158	232	5.6
All Other	1,062	991	71	7.1

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## EXHIBIT E

(Dollars in Millions)

C O D E	Service Categories	FISCAL YEAR		CHANGE	
		1991	1990	Amount	Percent
V	Transportation, Travel, & Relocation Svcs	\$ 4,652	\$ 2,601	\$ 2,051	78.8
Y	Construction of Structures & Facilities	5,483	3,473	2,010	57.9
Z	Maintenance, Repair or Alteration of Real Property	4,023	3,038	986	32.5
D	Automatic Data Processing & Tele Svcs	1,886	1,502	384	25.6
C	Architect & Engineering Svcs - Const	1,988	1,629	359	22.0
G	Social Services	149	469	320-	68.2-
F	Natural Resources & Conservation Svcs	499	214	285	133.4
M	Operation of Govt-Owned Facilities	2,847	2,978	131-	4.4-
S	Utilities & Housekeeping Services	3,439	3,312	128	3.9
R	Professional, Administrative & Services	6,150	6,269	119-	1.9-

## EXHIBIT F

(Dollars in Millions)

C O D E	FSC Groups	FISCAL YEAR		CHANGE	
		1991	1990	Amount	Percent
58	Communication, Detection, & Coherent Radiation Equipment	\$ 6,345	\$ 9,285	\$ 2,940-	31.7-
23	Ground Effect Vehicles, Motor Vehicles, Trailers, & Cycles	3,682	1,778	1,904	107.1
14	Guided Missiles	8,637	7,329	1,307	17.8
59	Electrical & Electronic Equipment Components	2,430	1,297	1,133	87.4
91	Fuels, Lubricants, Oils and Waxes	6,002	5,164	839	16.2
28	Engines, Turbines, and Components	4,125	4,962	837-	16.9-
12	Fire Control Equipment	736	1,490	754-	50.6-
89	Subsistence	2,370	1,819	551	30.3
84	Clothing, Individual Equipment & Insignia	1,255	774	481	62.2
16	Aircraft Components and Accessories	2,093	2,519	426-	16.9-

## **TABLE 1**

Net Value of  
Prime Contract Awards Over \$25,000  
for Research, Development, Test, and  
Evaluation, by Procurement Program:  
FY 1991, 1990, 1989, and 1988

# TABLE 1. Research, Development, Test and Evaluation

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1991	1990	1989	1988
<b>AIRFRAMES AND RELATED ASSEMBLIES AND SPARES</b>				
Research	3,021	195,558	7,450	113,990
Exploratory Development	19,062	21,050	29,376	50,944
Other Development	1,689,227	3,285,274	3,448,724	3,751,588
Management and Support	32,126	25,658	11,770	5,677
TOTAL	1,743,436	3,136,424	3,501,830	3,928,201
<b>AIRCRAFT ENGINES AND RELATED SPARES AND SPARE PARTS</b>				
Research	123	1,388	4,100	4,826
Exploratory Development	24,533	26,159	34,923	25,604
Other Development	857,643	706,014	755,144	759,162
Management and Support	1,870	3,641	1,387	3,062
TOTAL	883,933	737,202	795,554	797,654
<b>OTHER AIRCRAFT EQUIPMENT AND SUPPLIES</b>				
Research	10,569	3,426	3,288	8,764
Exploratory Development	39,076	34,367	30,573	48,707
Other Development	454,818	440,016	350,749	266,278
Management and Support	11,435	12,645	7,336	5,510
TOTAL	515,898	490,654	391,946	329,259
<b>TOTAL, AIRCRAFT</b>				
Research	13,467	190,744	11,348	138,582
Exploratory Development	82,671	81,776	84,872	125,255
Other Development	3,001,688	4,431,304	4,562,617	4,777,028
Management and Support	45,431	41,944	30,493	14,242
TOTAL	3,143,257	4,364,280	4,689,330	5,055,114
<b>MISSILE AND SPACE SYSTEMS</b>				
Research	94,837	175,309	259,856	106,416
Exploratory Development	709,596	307,682	330,814	340,228
Other Development	5,759,180	6,290,868	6,276,742	7,218,380
Management and Support	85,655	90,859	94,963	134,815
TOTAL	6,649,268	6,864,718	6,962,375	7,799,839
<b>SHIPS</b>				
Research	2,804	1,010	30	1,527
Exploratory Development	12,106	10,371	13,859	117,280
Other Development	572,061	489,782	753,317	402,774
Management and Support	1,459	197	0	2,216
TOTAL	588,430	501,360	767,206	523,797
<b>TANK-AUTOMOTIVE</b>				
Research	2,543	9,391	12,238	7,882
Exploratory Development	85,817	37,905	29,535	14,363
Other Development	373,992	313,983	966,747	176,064
Management and Support	8,792	6,482	480	0
TOTAL	477,144	367,761	1,018,960	198,309
<b>WEAPONS</b>				
Research	17,443	21,104	14,772	10,926
Exploratory Development	54,102	57,185	54,113	76,755
Other Development	260,253	367,146	359,524	420,651
Management and Support	4,221	4,440	1,843	4,374
TOTAL	336,019	449,875	430,252	512,706

**TABLE 1. Research, Development, Test and Evaluation**

(Concluded)

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1991	1990	1989	1988
<b>AMMUNITION</b>				
Research	47,432	44,613	58,533	58,515
Exploratory Development	62,804	61,459	55,072	41,363
Other Development	321,033	580,422	597,525	375,702
Management and Support	7,607	10,763	11,876	2,991
TOTAL	438,876	697,257	723,006	478,571
<b>ELECTRONICS AND COMMUNICATION EQUIPMENT</b>				
Research	127,278	187,515	182,379	136,824
Exploratory Development	299,493	326,646	288,687	251,221
Other Development	3,322,908	3,337,498	3,189,628	3,417,194
Management and Support	64,325	73,216	82,854	48,573
TOTAL	3,814,004	3,924,875	3,743,548	3,853,812
<b>SERVICES</b>				
Research	618,608	629,002	803,142	899,680
Exploratory Development	689,638	735,155	542,023	574,420
Other Development	2,222,720	2,260,681	1,634,570	1,707,757
Management and Support	858,819	532,946	945,678	283,029
TOTAL	4,389,785	4,157,784	3,925,413	3,464,886
<b>ALL OTHER</b>				
Research	138,119	116,609	86,404	83,635
Exploratory Development	291,526	195,203	172,357	82,121
Other Development	584,510	625,415	625,549	441,874
Management and Support	47,428	53,774	61,720	47,862
TOTAL	1,061,583	991,001	946,030	655,492
<b>TOTAL RDT&amp;E</b>				
Research	1,062,531	993,809	1,428,702	1,443,987
Exploratory Development	2,287,753	1,813,382	1,581,332	1,623,006
Other Development	16,424,345	18,697,099	18,966,219	18,937,424
Management and Support	1,123,737	814,621	1,229,827	538,109
TOTAL	20,898,366	22,318,911	23,206,080	22,542,526

## TABLE 2

Net Value of  
Prime Contract Awards Over \$25,000  
for Other Services and Construction,  
by Service Code and Description:  
FY 1991, 1990, 1989, and 1988

# TABLE 2A. Summary of Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
B	Special Studies & Analyses - Not R&D	226,177	188,737	155,732	0
C	Architect & Engineering Services	1,987,870	1,628,995	2,028,366	0
D	Automatic Data Processing & Tele Services	1,886,180	1,501,762	1,064,992	0
E	Purchase of Structures and Facilities	1,317	135	280	586
F	Natural Resources and Conservation Svcs	498,793	213,669	273,430	34,422
G	Social Services	149,284	469,490	130,201	135,060
H	Quality Control, Testing & Inspection Services	467,033	411,672	482,747	486,691
J	Maintenance, Repair, & Rebuilding of Equipment	6,088,229	6,182,103	4,870,200	5,081,413
K	Modification of Equipment	1,212,803	1,218,210	1,674,077	1,639,415
L	Technical Representative Services	681,068	629,213	687,095	612,542
M	Operation of Government-Owned Facilities	2,847,097	2,977,877	2,702,251	3,035,740
N	Installation of Equipment	419,128	406,944	327,682	255,692
P	Salvage Services	124,531	152,599	95,284	98,004
Q	Medical Services	448,439	454,241	300,204	250,176
R	Professional, Admin & Management Support Svcs	6,149,884	6,268,530	4,921,052	8,333,941
S	Utilities & Housekeeping Services	3,439,298	3,311,776	2,630,245	3,365,606
T	Photographic, Mapping, Printing & Publication	133,097	121,410	134,398	135,238
U	Education & Training Services	712,321	603,505	536,845	758,884
V	Transportation, Travel & Relocation Svcs	4,651,886	2,601,268	1,193,191	1,938,998
W	Lease or Rental of Equipment	414,773	388,057	327,389	514,619
X	Lease or Rental of Facilities	205,524	199,647	130,476	118,309
Y	Construction of Structures & Facilities	5,482,975	3,472,688	5,165,220	5,741,118
Z	Maintenance, Repair or Alteration of Real Prop	4,023,494	3,037,504	3,417,482	3,445,308
T O T A L     Other Services and Construction		42,251,201	36,440,032	33,248,839	35,981,762

# TABLE 2B. Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
<b>B</b>	<b>Special Studies &amp; Analyses - Not R&amp;D</b>				
B502	Air Quality Analyses	929	573	833	0
B503	Archaeological/Paleontological Studies	7,751	3,776	2,593	0
B504	Chemical/Biological Studies & Analyses	3,212	1,837	2,530	0
B505	Cost Benefit Analyses	1,393	2,501	3,593	0
B506	Data Analyses (Other than Scientific)	4,564	1,862	1,783	0
B507	Economic Studies	299	795	168	0
B509	Endangered Species Studies - Plant & Animal	1,408	1,623	263	0
B510	Environmental Studies & Assessments	10,372	9,718	5,347	0
B513	Feasibility Studies (Non-construction)	426	3,223	1,126	0
B516	Animal & Fisheries Studies	78	50	243	0
B517	Geological Studies	91	626	36	0
B518	Geophysical Studies	0	93	0	0
B519	Geotechnical Studies	233	325	110	0
B521	Historical Studies	629	810	583	0
B522	Legal Studies	0	836	131	0
B524	Mathematical/Statistical Analyses	760	68	2,637	0
B525	Natural Resource Studies	191	0	312	0
B526	Oceanological Studies	3,107	1,422	604	0
B527	Recreation Studies	60	31	0	0
B528	Regulatory Studies	198	0	0	0
	Scientific Data Studies	1,070	1,563	1,411	0
	Seismological Studies	2,262	2,061	2,202	0
	Soils Studies	442	244	159	0
	Water Quality Studies	2,106	1,377	672	0
B534	Wildlife Studies	523	0	0	0
B537	Medical & Health Studies	787	830	1,080	0
B538	Intelligence Studies	9,388	10,215	2,934	0
B539	Aeronautic/Space Studies	975	618	2,117	0
B540	Building Technology Studies	0	0	660	0
B541	Defense Studies	9,878	11,646	18,522	0
B542	Educational Studies & Analyses	1,734	1,693	1,426	0
B543	Energy Studies	468	0	65	0
B544	Technology Studies	5,406	3,603	5,118	0
B545	Housing & Community Development Studies	25	33	0	0
B546	Security Studies (Physical & Personal)	1,436	1,946	815	0
B547	Accounting/Financial Management Studies	388	87	393	0
B549	Foreign Policy/National Security Policy Studies	1,392	167	322	0
B550	Organization/Administrative/Personnel Studies	617	530	502	0
B551	Mobilization/Preparedness Studies	12,113	870	454	0
B552	Manpower Studies	1,678	528	358	0
B553	Communications Studies	3,738	1,975	50	0
B554	Acquisition Policy/Procedures Studies	600	198	50	0
B599	Other Special Studies & Analyses	133,450	118,384	93,530	0
<b>TOTAL</b>	<b>Special Studies &amp; Analyses - Not R&amp;D</b>	<b>226,177</b>	<b>188,737</b>	<b>155,732</b>	<b>0</b>
<b>C</b>	<b>Architect &amp; Engineering Services</b>				
C111	Administrative & Service Buildings	46,061	21,181	14,792	0
C112	Airfield, Communication & Missile Facilities	15,825	10,516	41,223	0
C113	Educational Buildings	4,789	9,426	11,852	0
C114	Hospital Buildings	27,999	15,266	8,972	0
C115	Industrial Buildings	9,337	8,223	5,626	0
C116	Residential Buildings	6,840	18,467	26,872	0
C117	Warehouse Buildings	5,878	7,692	3,941	0
C118	Research & Development Facilities	2,779	1,730	3,024	0
C119	Other Buildings	53,718	49,047	118,085	0
<b>C11</b>	<b>Building &amp; Facility Structures</b>	<b>173,226</b>	<b>141,548</b>	<b>234,387</b>	<b>0</b>
C121	Conservation & Development	6,785	1,570	1,660	0
C122	Highways, Roads, Streets, & Bridges	3,777	2,250	2,607	0
C123	Electric Power Generation (EPG)	4,607	3,724	7,345	0
C124	Utilities	7,783	8,884	11,366	0
C129	Other Non-Building Structures	23,468	21,423	14,334	0
C130	Restoration	4,897	3,250	2,838	0
<b>C12</b>	<b>Non-Building Structures</b>	<b>51,317</b>	<b>41,101</b>	<b>40,150</b>	<b>0</b>
<b>C1</b>	<b>Architect &amp; Engineering Services - Construction</b>	<b>224,543</b>	<b>182,649</b>	<b>274,537</b>	<b>0</b>
<b>C211</b>	<b>Architect Engineering Services (Non-construction)</b>	<b>334,126</b>	<b>242,271</b>	<b>266,923</b>	<b>0</b>



# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Architect & Engineering Services (CONT)				
C212	Engineering Drafting Services	35,464	13,716	14,981	0
C213	A&E Inspection Services (Non-construction)	4,298	5,067	8,360	0
C214	A&E Management Engineering Services	134,540	137,067	232,223	0
C215	A&E Production Engineering Services	142,174	96,233	125,015	0
C216	Marine Architect - Engineering Services	455,490	466,776	744,547	0
C219	Other Architect & Engineering Services	657,235	485,216	361,780	0
C2	Architect & Engineering Services - General	1,763,327	1,446,346	1,753,829	0
TOTAL	Architect & Engineering Services	1,987,870	1,628,995	2,028,366	0
D	Automatic Data Processing & Tele Services				
D301	ADP Facility Operation & Maintenance Services	221,371	148,089	70,326	0
D302	ADP Systems Development Services	288,098	313,240	239,087	0
D303	ADP Data Entry Services	7,201	10,125	5,702	0
D304	ADP Telecommunications & Transmission Services	4,627	52,728	53,572	0
D305	ADP Teleprocessing & Timesharing Services	12,865	35,422	25,060	0
D306	ADP Systems Analysis Services	25,704	31,833	20,397	0
D307	Automated Info System Design & Integration Svcs	264,416	200,498	77,238	0
D308	Programming Services	16,771	12,086	11,839	0
D309	Info & Data Broadcasting or Data Distribution Svcs	0	1,444	0	0
D310	ADP Backup & Security Services	3,541	3,746	578	0
D311	ADP Data Conversion Services	9,398	6,174	1,545	0
D312	ADP Optical Scanning Services	7,917	2,254	116	0
D313	Computer Aided Design/Computer Aided Mfg Services	10,109	504	503	0
D314	ADP System Acquisition Support Services	62,871	63,800	54,674	0
D315	Digitizing Services	1,689	43	74	0
D316	Telecommunication Network Management Services	3,441	5,286	13,306	0
D317	Automated News Svcs, Data Svcs, or Other Info Svcs	4,427	4,693	3,456	0
D399	Other ADP & Telecommunication Services	941,734	609,797	487,519	0
TOTAL	Automatic Data Processing & Tele Services	1,886,180	1,501,762	1,064,992	0
E	Purchase of Structures and Facilities				
E111	Purchase/Office Buildings	1,032	0	42	0
E11	Administrative Facilities & Service Buildings	1,032	0	42	0
E126	Purchase/Missile System Facilities	0	0	0	535
E12	Airfield, Communications, & Missile Facilities	0	0	0	535
E151	Purchase/Ammunition Facilities	0	0	170-	0
E159	Purchase/Other Industrial Buildings	0	66	0	0
E15	Industrial Buildings	0	66	170-	0
E169	Purchase/Other Residential Buildings	0	69	305	0
E16	Residential Buildings	0	69	305	0
E174	Purchase/Open Storage Facilities	35	0	0	0
E17	Warehouse Buildings	35	0	0	0
E191	Purchase/Museums & Exhibition Buildings	35	0	0	0
E19	Other Buildings	35	0	0	0
E1	Construction of Structures & Facilities	1,102	135	177	535
E219	Purchase/Other Conservation & Dev Facilities	131	0	0	0
E21	Conservation & Development Facilities	131	0	0	0
E299	Purchase/All Other Non-Building Facilities	84	0	103	51
E29	Other Non-Building Facilities	84	0	103	51

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Purchase of Structures and Facilities (CONT)				
E2	Non-Building Structures	215	0	103	51
TOTAL	Purchase of Structures and Facilities	1,317	135	280	586
F	Natural Resources and Conservation Svcs				
F001	Aerial Fertilization/Spraying	233	86	96	179
F002	Aerial Seeding	0	158	0	0
F003	Forest/Range Fire Suppression/Presuppression	980	63	919	840
F005	Forest Tree Planting	815	106	0	130
F006	Land Treatment Practices (Plowing, Clearing, etc.)	400	2,985	277	505
F007	Range Seeding (Ground Equipment)	0	0	0	158
F008	Recreation Site Maintenance (Non-Construction)	292	72	49	32
F009	Seed Collection/Production	0	34	622	717
F010	Seedling Production/Transplanting	688	5,523	38	0
F011	Surface Mining Reclamation (Non-Construction)	0	0	35	0
F012	Survey Line Clearing	0	105	0	0
F014	Tree Thinning	415	185	0	148
F015	Well Drilling/Exploratory	1,155	945	178	1,356
F018	Other Range/Forest Improvements (Non-Construction)	35	177	170	139
F019	Other Wildlife Management	4,564	5,163	490	3,306
F020	Fisheries Resources Management	67	30	0	0
F021	Site Preparation	31	37	40	0
F099	Other Natural Resources & Conservation Services	19,810	23,246	192,759	26,912
F0	Natural Resources & Conservation Services	29,485	38,915	195,317	34,422
F101	Air Quality Support Services	572	1,054	0	0
F103	Water Quality Support Services	3,328	0	1,816	0
F104	Surveys & Technical Support Rel to Water Pollution	355	29	28	0
F105	Pesticides Support Services	270	517	0	0
F106	Toxic Substances Support Services	61	171	50	0
F107	Hazardous Substance Analysis	111,045	23,399	577	0
F108	Hazardous Substance Removal/Cleanup/Disposal Svcs	175,846	98,724	27,018	0
F109	Leaking Underground Storage Tank Support Services	8,582	3,684	297	0
F110	Dev of Environ Impact Statements & Assessments	2,227	3,737	1,490	0
F111	Surveys&Technical Support for Multiple Pollutants	267	708	241	0
F112	Oil Spill Cleanup, Removal, Disposal & Support	398	310	138	0
F999	Other Environ Svcs, Studies, & Analytical Support	166,357	43,837	46,458	0
F1	Environmental Systems Protection	469,308	174,754	78,113	0
TOTAL	Natural Resources and Conservation Svcs	498,793	213,669	273,430	34,422
G	Social Services				
G001	Care of Remains and/or Funeral Services	206	71	0	0
G002	Chaplain Services	203	380	295	391
G003	Recreational Services	1,085	681	903	799
G004	Rehabilitation Services	681	674	382	1,268
G007	Government Health Insurance Programs	137,441	461,023	120,508	124,955
G008	Other Government Insurance Programs	0	0	0	1,161
G009	Non-Government Insurance Programs	265	204	109	69
G099	Other Social Services	9,403	6,457	8,004	6,555
TOTAL	Social Services	149,284	469,490	130,201	135,060
H	Quality Control, Testing & Inspection Services				
H110	Quality Control Svcs/Weapons	658	2,050	1,533	368
H112	Quality Control Svcs/Fire Control Equipment	144	716	127	778
H114	Quality Control Svcs/Guided Missiles	37,667	157,317	242,809	213,343
H115	Quality Control Svcs/Aircraft Structural Comps	61	1,103	570	130
H116	Quality Control Svcs/Aircraft Comps & Accys	0	1,307	0	150
H118	Quality Control Svcs/Space Vehicles	109,401	25,748	0	0
H119	Quality Control Svcs/Ships-Sml Craft-Docks	2,582	13,610	6,933	5,017
H120	Quality Control Svcs/Ship & Marine Equipment	4,885	5,780	4,057	6,526
H128	Quality Control Svcs/Engines, Turbines & Comps	0	0	0	72

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Quality Control, Testing & Inspection Services (CONT)					
H144	Quality Control Svcs/Furnace-Steam Plant-Nucl Reac	77	59	53	51
H145	Quality Control Svcs/Plumbing & Heating Equipment	0	0	0	149
H146	Quality Control Svcs/Water Purification Equipment	51	0	0	0
H149	Quality Control Svcs/Maintenance & Repair Shop Eq	0	0	63	0
H158	Quality Control Svcs/Communication Equipment	1,899	3,832	4,455	3,909
H159	Quality Control Svcs/Electrical & Elct Equip Comps	7,994	6,730	9,703	9,510
H161	Quality Control Svcs/Power Distribution Equipment	26	0	0	0
H163	Quality Control Svcs/Alarm & Signal Systems	59	92	0	0
H165	Quality Control Svcs/Medical & Dental Equipment	0	0	0	29
H166	Quality Control Svcs/Instruments & Lab Equipment	326	4,172	2,198	4,747
H169	Quality Control Svcs/Training Aids & Devices	0	0	0	107
H170	Quality Control Svcs/ADP Equip & Supplies	879	5,841	4,644	11,397
H173	Quality Control Svcs/Food Prep & Serving Equip	314	32	0	0
H180	Quality Control Svcs/Brushes-Paints-Sealers	0	36	0	0
H191	Quality Control Svcs/Fuels-Lubricants-Oils	255	0	133	317
H199	Quality Control Svcs/Miscellaneous Equipment	5,282	3,254	4,705	2,861
H1	Quality Control Services	172,560	231,679	281,983	259,461
H210	Equip & Mats Testing/Weapons	8,232	3,782	2,621	7,980
H212	Equip & Mats Testing/Fire Control Equipment	3,268	2,238	1,368	8,281
H213	Equip & Mats Testing/Ammo & Explosives	1,365	1,313	44	833
H214	Equip & Mats Testing/Guided Missiles	21,328	18,909	28,879	41,430
H215	Equip & Mats Testing/Aircraft Structural Comps	44,781	20,077	22,735	17,825
H216	Equip & Mats Testing/Aircraft Comps & Accys	32,074	6,776	3,801	6,371
H217	Equip & Mats Testing/Aircraft Gnd Handling Equip	111	0	56	37
H218	Equip & Mats Testing/Space Vehicles	0	0	111	62
H219	Equip & Mats Testing/Ships-Sml Craft-Docks	641	1,190	2,667	4,041
H220	Equip & Mats Testing/Ship & Marine Equipment	417	714	996	646
H223	Equip & Mats Testing/Vehicles-Trailers-Cycles	0	0	108	0
H225	Equip & Mats Testing/Vehicular Equipment Comps	0	0	223	0
H226	Equip & Mats Testing/Tires & Tubes	78	124	0	0
H228	Equip & Mats Testing/Engines, Turbines & Comps	268	1,739	385	189
H230	Equip & Mats Testing/Mech Power Trans Equipment	0	1,798	0	0
H232	Equip & Mats Testing/Woodworking Machinery Equip	0	86	86	0
H236	Equip & Mats Testing/Special Industry Machinery	89	0	0	0
H238	Equip & Mats Testing/Construction Equipment	0	0	0	255
H240	Equip & Mats Testing/Rope, Cable, Chain & Fittings	0	59	0	458
H241	Equip & Mats Testing/Refrigeration, Air Cond Equip	0	0	46	0
H242	Equip & Mats Testing/Fire, Rescue & Safety Equip	2,262	2,101	0	0
H245	Equip & Mats Testing/Plumbing & Heating Equipment	25	0	0	0
H246	Equip & Mats Testing/Water Purification Equipment	0	26	0	0
H247	Equip & Mats Testing/Pipe-Tubing-Hose-Fittings	76	0	0	0
H252	Equip & Mats Testing/Measuring Tools	299	299	0	0
H254	Equip & Mats Testing/Prefab Structures	300	99	0	0
H258	Equip & Mats Testing/Communication Equipment	83,226	34,515	30,954	42,944
H259	Equip & Mats Testing/Electrical & Elct Equip Comps	5,484	14,554	23,111	12,617
H263	Equip & Mats Testing/Alarm & Signal Systems	85	74	0	0
H266	Equip & Mats Testing/Instruments & Lab Equipment	0	108	0	1,999
H268	Equip & Mats Testing/Chemical Products	0	29	52	0
H269	Equip & Mats Testing/Training Aids & Devices	0	0	165	0
H270	Equip & Mats Testing/ADP Equip & Supplies	2,532	2,297	1,891	954
H284	Equip & Mats Testing/Clothing - Individual	0	32	0	242
H291	Equip & Mats Testing/Fuels-Lubricants-Oils	292	84	612	151
H295	Equip & Mats Testing/Metal Bars & Sheets	0	0	0	81
H299	Equip & Mats Testing/Miscellaneous Equipment	302	1,722	1,618	809
H2	Equipment & Materials Testing	207,485	114,745	122,529	148,205
H310	Inspection Services/Weapons	2,306	126	1,384	1,370
H312	Inspection Services/Fire Control Equipment	0	71	90	123
H314	Inspection Services/Guided Missiles	0	98	191	244
H315	Inspection Services/Aircraft Structural Comps	0	0	627	733
H316	Inspection Services/Aircraft Comps & Accys	0	0	0	150
H322	Inspection Services/Railway Equipment	54	49	45	0
H323	Inspection Services/Vehicles-Trailers-Cycles	2,825	1,597	0	0
H328	Inspection Services/Engines, Turbines & Comps	0	0	0	94
H342	Inspection Services/Fire, Rescue & Safety Equip	47	52	0	0
H344	Inspection Services/Furnace-Steam Plant-Nucl Reac	614	422	459	218
H345	Inspection Services/Plumbing & Heating Equipment	0	37	0	0
H352	Inspection Services/Measuring Tools	0	0	0	85
H354	Inspection Services/Prefab Structures	25	0	0	0
H358	Inspection Services/Communication Equipment	7,785	6,794	5,017	6,275
H359	Inspection Services/Electrical & Elct Equip Comps	465	0	0	76

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Quality Control, Testing & Inspection Services (CONT)					
H361	Inspection Services/Power Distribution Equipment	0	0	0	170
H363	Inspection Services/Alarm & Signal Systems	0	0	0	52
H369	Inspection Services/Training Aids & Devices		231	202	0
H370	Inspection Services/ADP Equip & Supplies	83	0	0	0
H391	Inspection Services/Fuels-Lubricants-Oils	221	0	0	0
H399	Inspection Services/Miscellaneous Equipment	1,619	2,045	1,673	2,057
H3	Inspection Services	16,044	11,522	9,688	11,647
H910	Other Quality Cntl Svcs/Weapons	0	27	0	0
H920	Other Quality Cntl Svcs/Ship & Marine Equipment	0	31	0	0
H923	Other Quality Cntl Svcs/Vehicles-Trailers-Cycles	0	43	0	0
H941	Other Quality Cntl Svcs/Refrigeration, AC Equip	65	0	0	0
H999	Other Quality Cntl, Testing & Inspection Services	70,879	53,625	68,547	67,378
H9	Other Quality Control, Testing & Inspection Svcs	70,944	53,726	68,547	67,378
TOTAL	Quality Control, Testing & Inspection Services	467,033	411,672	482,747	486,691
J Maintenance, Repair, & Rebuilding of Equipment					
J010	Maint & Repair of Eq/Weapons	32,166	19,018	8,575	12,397
J011	Maint & Repair of Eq/Nuclear Ordnance	611	1,030	472	2,386
J012	Maint & Repair of Eq/Fire Control Equipment	14,286	63,752	75,528	148,800
J013	Maint & Repair of Eq/Ammo & Explosives	982	1,635	9,149	9,829
J014	Maint & Repair of Eq/Guided Missiles	763,615	163,106	120,521	427,096
J015	Maint & Repair of Eq/Aircraft Structural Comps	1,713,346	1,049,964	1,067,392	937,764
J016	Maint & Repair of Eq/Aircraft Comps & Accys	159,567	131,134	155,508	202,430
J017	Maint & Repair of Eq/Aircraft Gnd Handling Equip	53,983	26,963	24,783	39,334
J018	Maint & Repair of Eq/Space Vehicles	3,790	1,746	28	209
J019	Maint & Repair of Eq/Ships-Sml Craft-Docks	218,219	1,791,789	784,550	1,178,504
J020	Maint & Repair of Eq/Ship & Marine Equipment	49,765	49,904	29,921	26,854
J022	Maint & Repair of Eq/Railway Equipment	6,174	2,963	2,841	2,589
J023	Maint & Repair of Eq/Vehicles-Trailers-Cycles	59,513	35,650	28,256	35,968
J024	Maint & Repair of Eq/Tractors	2,900	1,994	1,923	998
J025	Maint & Repair of Eq/Vehicular Equipment Comps	1,506	2,808	2,104	1,513
J026	Maint & Repair of Eq/Tires & Tubes	919	780	1,090	696
J028	Maint & Repair of Eq/Engines, Turbines & Comps	167,899	127,473	195,971	217,514
J029	Maint & Repair of Eq/Engine Accessories	10,172	5,290	5,086	12,271
J030	Maint & Repair of Eq/Mech Power Trans Equipment	1,988	739	1,255	291
J031	Maint & Repair of Eq/Bearings	1,106	222	344	490
J032	Maint & Repair of Eq/Woodworking Machinery Equip	0	65	0	274
J034	Maint & Repair of Eq/Metalworking Machinery	11,322	14,863	11,610	15,110
J035	Maint & Repair of Eq/Service & Trade Equipment	1,638	657	633	790
J036	Maint & Repair of Eq/Special Industry Machinery	39,376	43,969	53,211	28,524
J037	Maint & Repair of Eq/Agricultural Machinery & Eq	0	494	1,035	828
J038	Maint & Repair of Eq/Construction Equipment	494	2,233	1,721	1,824
J039	Maint & Repair of Eq/Materials Handling Equipment	7,461	4,510	2,958	3,501
J040	Maint & Repair of Eq/Rope, Cable, Chain & Fittings	257	123	2,408	1,500
J041	Maint & Repair of Eq/Refrigeration, Air Cond Equip	16,281	11,980	13,815	11,706
J042	Maint & Repair of Eq/Fire, Rescue & Safety Equip	1,875	440	203	1,790
J043	Maint & Repair of Eq/Pumps & Compressors	3,341	1,806	2,993	2,082
J044	Maint & Repair of Eq/Furnace-Steam Plant-Nucl Reac	1,312	1,532	112,987	1,184
J045	Maint & Repair of Eq/Plumbing & Heating Equipment	6,850	2,257	2,905	3,489
J046	Maint & Repair of Eq/Water Purification Equipment	892	2,024	1,583	1,095
J047	Maint & Repair of Eq/Pipe-Tubing-Hose-Fittings	1,183	321	211	541
J048	Maint & Repair of Eq/Valves	116	599	872	1,498
J049	Maint & Repair of Eq/Maintenance & Repair Shop Eq	33,682	18,049	20,797	15,213
J051	Maint & Repair of Eq/Hand Tools	44	37	0	110
J052	Maint & Repair of Eq/Measuring Tools	100	31	36	475
J053	Maint & Repair of Eq/Hardware & Abrasives	41	292	0	322
J054	Maint & Repair of Eq/Prefab Structures	188	112	102	136
J055	Maint & Repair of Eq/Lumber & Millwork	406	0	0	0
J056	Maint & Repair of Eq/Construction Materials	355	811	1,376	311
J058	Maint & Repair of Eq/Communication Equipment	306,418	251,076	245,892	271,436
J059	Maint & Repair of Eq/Electrical & Elct Equip Comps	74,168	136,087	135,500	148,836
J060	Maint & Repair of Eq/Fiber Optic Mats & Comps	8,364	290	73	0
J061	Maint & Repair of Eq/Power Distribution Equipment	4,254	3,940	2,135	1,793
J062	Maint & Repair of Eq/Lighting Fixtures & Lamps	33	82	1,000	30
J063	Maint & Repair of Eq/Alarm & Signal Systems	2,881	3,354	5,129	2,041
J065	Maint & Repair of Eq/Medical & Dental Equipment	20,543	16,942	12,752	11,152
J066	Maint & Repair of Eq/Instruments & Lab Equipment	64,760	73,830	79,320	60,893

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Maintenance, Repair, & Rebuilding of Equipment (CONT)					
J067	Maint & Repair of Eq/Photographic Equipment	3,733	3,344	3,079	3,565
J068	Maint & Repair of Eq/Chemical Products	686	245	0	0
J069	Maint & Repair of Eq/Training Aids & Devices	109,791	103,756	99,884	58,279
J070	Maint & Repair of Eq/ADP Equip & Supplies	657,475	593,418	682,879	578,973
J071	Maint & Repair of Eq/Furniture	1,844	3,820	1,680	2,388
J072	Maint & Repair of Eq/Household Furnishings	22,102	9,618	18,579	22,285
J073	Maint & Repair of Eq/Food Prep & Serving Equip	708	10,085	3,459	4,740
J074	Maint & Repair of Eq/Office Machines	21,343	22,506	14,651	17,721
J075	Maint & Repair of Eq/Office Supplies & Devices	1,202	1,180	677	426
J076	Maint & Repair of Eq/Books-Maps-Pubs	710	388	288	943
J077	Maint & Repair of Eq/Musical Instruments-Radio	182	526	40	69
J078	Maint & Repair of Eq/Recreational Equipment	42	0	0	139
J079	Maint & Repair of Eq/Cleaning Equipment	2,207	468	1,403	1,470
J080	Maint & Repair of Eq/Brushes-Paints-Sealers	590	426	207	707
J081	Maint & Repair of Eq/Containers-Packaging	936	700	843	1,565
J083	Maint & Repair of Eq/Textiles-Leather-Furs	1,369	1,557	1,055	1,429
J084	Maint & Repair of Eq/Clothing - Individual	189	54	349	5,357
J085	Maint & Repair of Eq/Toiletries	2,495	0	0	0
J088	Maint & Repair of Eq/Live Animals	29	0	0	0
J089	Maint & Repair of Eq/Subsistence	0	64	113	0
J091	Maint & Repair of Eq/Fuels-Lubricants-Oils	762	426	88-	500
J093	Maint & Repair of Eq/Nonmetallic Fabricated Mats	278	335	220	72
J094	Maint & Repair of Eq/Nonmetallic Crude Materials	45	1,536	552	835
J095	Maint & Repair of Eq/Metal Bars & Sheets	4,649	502	58	26
J096	Maint & Repair of Eq/Ores & Minerals	0	0	0	1,111
J099	Maint & Repair of Eq/Miscellaneous Equipment	592,448	741,980	528,148	532,396
J0	Maintenance, Repair, & Rebuilding of Equipment	5,148,621	5,567,700	4,586,646	5,081,413
J998	Non-nuclear Ship Repair (East)	583,288	366,167	113,920	0
J999	Non-nuclear Ship Repair (West)	356,320	248,236	169,634	0
TOTAL	Maintenance, Repair, & Rebuilding of Equipment	6,088,229	6,182,103	4,870,200	5,081,413
K Modification of Equipment					
K010	Modification of Eq/Weapons	1,106	1,214	1,386	1,305
K011	Modification of Eq/Nuclear Ordnance	0	205-	0	0
K012	Modification of Eq/Fire Control Equipment	4,905	8,041	1,903	3,489
K013	Modification of Eq/Ammo & Explosives	0	0	1,992	7,399
K014	Modification of Eq/Guided Missiles	82,396	123,100	144,110	103,060
K015	Modification of Eq/Aircraft Structural Comps	548,999	570,474	862,234	923,543
K016	Modification of Eq/Aircraft Comps & Accys	17,907	19,139	88,631	73,717
K017	Modification of Eq/Aircraft Gnd Handling Equip	3,099	4,667	1,997	4,480-
K018	Modification of Eq/Space Vehicles	14-	0	0	148
K019	Modification of Eq/Ships-Sml Craft-Docks	25,554	45,685	78,347	56,627
K020	Modification of Eq/Ship & Marine Equipment	17,457	442	27	145
K022	Modification of Eq/Railway Equipment	0	0	64	0
K023	Modification of Eq/Vehicles-Trailers-Cycles	133	67	74	123
K024	Modification of Eq/Tractors	0	0	0	50
K025	Modification of Eq/Vehicular Equipment Comps	597	0	0	650
K028	Modification of Eq/Engines, Turbines & Comps	9,085	14,663	16,339	11,759
K029	Modification of Eq/Engine Accessories	1,597	9,714	0	2,714
K034	Modification of Eq/Metalworking Machinery	26	0	0	485
K036	Modification of Eq/Special Industry Machinery	372	0	0	0
K038	Modification of Eq/Construction Equipment	0	52	473	0
K039	Modification of Eq/Materials Handling Equipment	2,547	3,541	2,095	100
K041	Modification of Eq/Refrigeration, Air Cond Equip	0	0	165	194
K042	Modification of Eq/Fire, Rescue & Safety Equip	56	0	1,507-	29
K043	Modification of Eq/Pumps & Compressors	60	132	35	741
K048	Modification of Eq/Valves	796	914	0	0
K049	Modification of Eq/Maintenance & Repair Shop Eq	76-	54	282	917
K052	Modification of Eq/Measuring Tools	0	0	59	0
K054	Modification of Eq/Prefab Structures	51	0	0	0
K056	Modification of Eq/Construction Materials	326	0	0	0
K058	Modification of Eq/Communication Equipment	144,664	141,040	176,801	142,678
K059	Modification of Eq/Electrical & Elct Equip Comps	56,115	55,170	72,606	62,201
K060	Modification of Eq/Fiber Optic Mats & Comps	0	0	66	0
K061	Modification of Eq/Power Distribution Equipment	0	40	764	170
K063	Modification of Eq/Alarm & Signal Systems	0	0	158-	0
K066	Modification of Eq/Instruments & Lab Equipment	3,093	3,225	2,303	6,434
K067	Modification of Eq/Photographic Equipment	166	282	0	315
K069	Modification of Eq/Training Aids & Devices	66,669	51,971	68,559	63,350

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Modification of Equipment (CONT)					
K070	Modification of Eq/ADP Equip & Supplies	149,985	109,843	109,479	119,839
K071	Modification of Eq/Furniture	50	0	0	0
K081	Modification of Eq/Containers-Packaging	0	0	0	487
K084	Modification of Eq/Clothing - Individual	164	0	0	0
K093	Modification of Eq/Nonmetallic Fabricated Mats	0	500	0	0
K099	Modification of Eq/Miscellaneous Equipment	74,918	54,445	44,951	61,226
TOTAL	Modification of Equipment	1,212,803	1,218,210	1,674,077	1,639,415
L Technical Representative Services					
L010	Tech Rep Svcs/Weapons	1,824	1,394	1,823	2,656
L011	Tech Rep Svcs/Nuclear Ordnance	437	422	0	0
L012	Tech Rep Svcs/Fire Control Equipment	1,881	29,458	4,289	19,434
L013	Tech Rep Svcs/Ammo & Explosives	0	84	138	195
L014	Tech Rep Svcs/Guided Missiles	201,783	218,197	229,952	137,169
L015	Tech Rep Svcs/Aircraft Structural Comps	79,490	54,981	71,668	59,040
L016	Tech Rep Svcs/Aircraft Comps & Accys	72,077	51,554	58,587	60,406
L017	Tech Rep Svcs/Aircraft Gnd Handling Equip	2,523	35	167	1,748
L018	Tech Rep Svcs/Space Vehicles	34,998	74,646	121,610	105,375
L019	Tech Rep Svcs/Ships-Sml Craft-Docks	60,940	29,261	36,246	56,316
L020	Tech Rep Svcs/Ship & Marine Equipment	8,411	9,179	10,418	10,585
L022	Tech Rep Svcs/Railway Equipment	0	0	34	0
L023	Tech Rep Svcs/Vehicles-Trailers-Cycles	0	0	34	0
L024	Tech Rep Svcs/Tractors	430	0	0	0
L025	Tech Rep Svcs/Vehicular Equipment Comps	350	0	0	0
L026	Tech Rep Svcs/Tires & Tubes	0	132	0	33
L028	Tech Rep Svcs/Engines, Turbines & Comps	6,624	8,413	11,257	18,815
L029	Tech Rep Svcs/Engine Accessories	346	455	324	497
L030	Tech Rep Svcs/Mech Power Trans Equipment	261	0	0	0
L031	Tech Rep Svcs/Bearings	0	222	0	0
L041	Tech Rep Svcs/Refrigeration, Air Cond Equip	173	0	0	0
L043	Tech Rep Svcs/Pumps & Compressors	36	203	0	0
L045	Tech Rep Svcs/Plumbing & Heating Equipment	0	97	0	0
L046	Tech Rep Svcs/Water Purification Equipment	0	26	0	0
L048	Tech Rep Svcs/Valves	0	66	0	0
L049	Tech Rep Svcs/Maintenance & Repair Shop Eq	403	254	0	355-
L053	Tech Rep Svcs/Hardware & Abrasives	0	320	0	0
L056	Tech Rep Svcs/Construction Materials	0	26	0	0
L058	Tech Rep Svcs/Communication Equipment	47,319	32,525	28,943	31,691
L059	Tech Rep Svcs/Electrical & Elct Equip Comps	8,849	8,123	6,830	8,241
L060	Tech Rep Svcs/Fiber Optic Mats & Comps	303	671-	3,937	663
L061	Tech Rep Svcs/Power Distribution Equipment	341	30	0	330
L063	Tech Rep Svcs/Alarm & Signal Systems	0	0	0	2,899
L065	Tech Rep Svcs/Medical & Dental Equipment	108	0	253	0
L066	Tech Rep Svcs/Instruments & Lab Equipment	184	2,123	1,043	1,823
L067	Tech Rep Svcs/Photographic Equipment	0	98	47	0
L068	Tech Rep Svcs/Chemical Products	0	1,939-	0	0
L069	Tech Rep Svcs/Training Aids & Devices	8,184	1,937	160	2,700
L070	Tech Rep Svcs/ADP Equip & Supplies	22,909	13,006	1,555	2,952
L071	Tech Rep Svcs/Furniture	0	32	1,390	0
L076	Tech Rep Svcs/Books-Maps-Pubs	36	0	0	0
L077	Tech Rep Svcs/Musical Instruments-Radio	0	1,618	246	0
L085	Tech Rep Svcs/Toiletries	223	0	0	0
L099	Tech Rep Svcs/Miscellaneous Equipment	119,625	92,958	96,134	89,329
TOTAL	Technical Representative Services	681,068	629,213	687,095	612,542
M Operation of Government-Owned Facilities					
M111	Operation/Office Buildings	7,371	17,764	938	8,744
M119	Operation/Other Administrative & Service Buildings	500,583	482,984	101,470	444,194
M11	Administrative Facilities & Service Buildings	507,954	500,748	102,408	452,938
M121	Operation/Air Traffic Control Towers	721	3,172	3,402	3,168
M122	Operation/Air Traffic Control Training Facilities	0	0	752	1,480
M123	Operation/Radar & Navigational Facilities	145,024	143,712	171,680	194,427
M124	Operation/Airport Runways	1,064	49	186	113-
M125	Operation/Airport Terminals	25,307	5,822	10,418	32,344
M126	Operation/Missile System Facilities	5,848	8,486	6,870	31,290
M127	Operation/Electronic & Communication Facilities	381,967	300,476	287,066	309,070

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Operation of Government-Owned Facilities (CONT)					
M129	Operation/Other Airfield Structures	2,792	3,954	3,170	3,475
M12	Airfield, Communications, & Missile Facilities	562,723	465,671	483,544	575,141
M131	Operation/Schools	15-	2,000	0	777
M139	Operation/Other Educational Buildings	439	428	257	1,622
M13	Educational Buildings	424	2,428	257	2,399
M141	Operation/Hospitals & Infirmaries	0	160	6,619	740
M142	Operation/Laboratories & Clinics	500	101-	0	0
M149	Operation/Other Hospital Buildings	562	0	0	0
M14	Hospital Buildings	1,062	59	6,619	740
M151	Operation/Ammunition Facilities	979,629	1,119,829	1,226,723	1,060,087
M152	Operation/Maintenance Buildings	147,812	148,701	175,627	208,291
M153	Operation/Production Buildings	0	0	0	47
M155	Operation/Tank-Automotive Facilities	5,258	7,031	36,290	20,308
M159	Operation/Other Industrial Buildings	95,851	97,069	32,751	35,634
M15	Industrial Buildings	1,228,550	1,372,630	1,471,391	1,324,367
M161	Operation/Family Housing Facilities	5,018	3,544	194	762
M162	Operation/Recreational Buildings	69	34	0	26
M163	Operation/Troop Housing Facilities	44-	545	121	532
M164	Operation/Dining Facilities	1,544	559	2,888	2,386
M169	Operation/Other Residential Buildings	0	66	253	65
M16	Residential Buildings	6,587	4,748	3,456	3,771
M171	Operation/Ammunition Storage Buildings	7,022	9,055	10,962	7,998
M172	Operation/Food or Grain Storage Buildings	0	0	337	274
M173	Operation/Fuel Storage Buildings	33,720	29,619	30,771	29,874
M174	Operation/Open Storage Facilities	0	0	1,887	3,149
M179	Operation/Other Warehouse Buildings	19,720	20,500	18,918	41,018
M17	Warehouse Buildings	60,462	59,174	62,875	82,313
M181	Operation/Govt-Owned Contractor-Operated R&D Fac	140,350	239,360	221,145	213,583
M182	Operation/Govt-Owned Government-Operated R&D Fac	14,114	10,677	9,323	1,169
M18	Research & Development Facilities	154,464	250,037	230,468	214,752
M191	Operation/Museums & Exhibition Buildings	99	167	74	130
M192	Operation/Testing & Measurement Buildings	41,780	91,380	96,793	88,723
M199	Operation/Other Miscellaneous Buildings	227,591	160,265	144,031	206,339
M19	Other Buildings	269,470	251,812	240,898	295,192
M1	Construction of Structures & Facilities	2,791,696	2,907,307	2,601,916	2,951,613
M211	Operation/Dams	164	120	1,054	2,782
M219	Operation/Other Conservation & Dev Facilities	1,871	4,181	3,008	5,168
M21	Conservation & Development Facilities	2,035	4,301	4,062	7,950
M222	Operation/Highways, Roads, Streets, & Bridges	98	288	0	451
M22	Highways, Roads, Streets, & Bridges	98	288	0	451
M239	Operation/EPG - Other, Including Transmission	0	0	0	130
M23	Electric Power Generation (EPG) Facilities	0	0	0	130
M241	Operation/Fuel Supply Facilities	900	624	799	1,540
M242	Operation/Heating & Cooling Plants	5,410	5,896	4,291	3,692
M244	Operation/Sewage & Waste Facilities	159	278	35	235
M245	Operation/Water Supply Facilities	862	997	0	93
M249	Operation/Other Utilities	989	1,791	1,065	460
M24	Utilities	8,320	9,586	6,190	6,020

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Operation of Government-Owned Facilities (CONT)				
M291	Operation/Recreation Facilities (Non-Building)	29	80	0	0
M293	Operation/Unimproved Real Property (Land)	731	762	709	696
M294	Operation/Waste Treatment & Storage Facilities	37	0	399	0
M299	Operation/All Other Non-Building Facilities	44,151	55,553	88,975	68,880
M29	Other Non-Building Facilities	44,948	56,395	90,083	69,576
M2	Non-Building Structures	55,401	70,570	100,335	84,127
TOTAL	Operation of Government-Owned Facilities	2,847,097	2,977,877	2,702,251	3,035,740
N	Installation of Equipment				
N010	Installation of Eq/Weapons	7,825	15,658	3,413	2,994
N011	Installation of Eq/Nuclear Ordnance	0	0	50	0
N012	Installation of Eq/Fire Control Equipment	155	215	636	159
N013	Installation of Eq/Ammo & Explosives	0	0	0	286
N014	Installation of Eq/Guided Missiles	3,418	2,091	57	11,443
N015	Installation of Eq/Aircraft Structural Comps	63,071	76,958	1,194	0
N016	Installation of Eq/Aircraft Comps & Accys	0	14,190	27,464	3,924
N019	Installation of Eq/Ships-Sml Craft-Docks	0	0	46	2,228
N020	Installation of Eq/Ship & Marine Equipment	0	0	2,920	2,161
N023	Installation of Eq/Vehicles-Trailers-Cycles	0	93	0	0
N025	Installation of Eq/Vehicular Equipment Comps	0	0	0	51
N028	Installation of Eq/Engines, Turbines & Comps	3,050	73	0	69
N030	Installation of Eq/Mech Power Trans Equipment	0	0	114	0
N034	Installation of Eq/Metalworking Machinery	0	28	128	0
N035	Installation of Eq/Service & Trade Equipment	0	0	0	31
N036	Installation of Eq/Special Industry Machinery	477	61	414	149
N038	Installation of Eq/Construction Equipment	6,690	0	0	0
N039	Installation of Eq/Materials Handling Equipment	474	39	173	0
N040	Installation of Eq/Rope, Cable, Chain & Fittings	0	0	0	198
N041	Installation of Eq/Refrigeration, Air Cond Equip	56	364	340	220
N042	Installation of Eq/Fire, Rescue & Safety Equip	248	68	70	0
N043	Installation of Eq/Pumps & Compressors	149	0	30	43
N045	Installation of Eq/Plumbing & Heating Equipment	253	51	0	0
N046	Installation of Eq/Water Purification Equipment	59	47	0	168
N047	Installation of Eq/Pipe-Tubing-Hose-Fittings	52	0	0	0
N048	Installation of Eq/Valves	0	64	0	0
N049	Installation of Eq/Maintenance & Repair Shop Eq	69	410	1,165	35
N054	Installation of Eq/Prefab Structures	0	0	35	0
N056	Installation of Eq/Construction Materials	0	227	0	0
N058	Installation of Eq/Communication Equipment	175,695	156,249	91,950	108,915
N059	Installation of Eq/Electrical & Elct Equip Comps	45,239	25,536	13,135	18,971
N060	Installation of Eq/Fiber Optic Mats & Comps	3,779	517	502	302
N061	Installation of Eq/Power Distribution Equipment	2,208	160	263	216
N062	Installation of Eq/Lighting Fixtures & Lamps	161	0	0	36
N063	Installation of Eq/Alarm & Signal Systems	1,307	1,144	3,152	3,729
N065	Installation of Eq/Medical & Dental Equipment	1,560	7,343	7,966	88
N066	Installation of Eq/Instruments & Lab Equipment	68	1,508	43	108
N067	Installation of Eq/Photographic Equipment	33	100	0	163
N069	Installation of Eq/Training Aids & Devices	5,048	5,945	1,679	213
N070	Installation of Eq/ADP Equip & Supplies	28,873	10,954	9,758	3,937
N071	Installation of Eq/Furniture	1,107	1,577	744	1,862
N072	Installation of Eq/Household Furnishings	866	139	161	60
N073	Installation of Eq/Food Prep & Serving Equip	239	54	137	0
N074	Installation of Eq/Office Machines	112	62	84	31
N075	Installation of Eq/Office Supplies & Devices	31	0	0	0
N077	Installation of Eq/Musical Instruments-Radio	0	0	54	0
N078	Installation of Eq/Recreational Equipment	35	267	0	0
N080	Installation of Eq/Brushes-Paints-Sealers	412	0	0	0
N093	Installation of Eq/Nonmetallic Fabricated Mats	0	0	0	100
N095	Installation of Eq/Metal Bars & Sheets	0	111	5,070	0
N096	Installation of Eq/Ores & Minerals	0	0	1,876	4,481
N099	Installation of Eq/Miscellaneous Equipment	66,309	84,697	153,233	88,321
TOTAL	Installation of Equipment	419,128	406,944	327,682	255,692
P	Salvage Services				



# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Salvage Services (CONT)					
P100	Prep & Disposal of Excess & Surplus Property	66,309	99,951	39,628	40,093
P300	Salvage of Marine Vessels	707	527	48	40
P400	Demolition of Buildings	10,349	10,461	3,483	11,657
P500	Demolition of Structures or Fac (Other than Bldgs)	974	6,002	5,267	3,999
P999	Other Salvage Services	40,611	35,658	46,858	42,215
TOTAL	Salvage Services	124,531	152,599	95,284	98,004
Q Medical Services					
Q101	Dependent Medicare Services	131,659	160,781	198,603	130,765
Q201	General Health Care Services	100,467	77,946	67,849	29,598
Q301	Laboratory Testing Services	23,943	26,819	22,075	18,640
Q401	Nursing Services	16,866	46,072	22,158	23,952
Q403	Evaluation & Screening	120	113	72	0
Q501	Anesthesiology Services	1,443	0	168	155
Q502	Cardio-Vascular Services	1,883	951	152	0
Q503	Dentistry Services	19,861	15,641	9,737	7,960
Q504	Dermatology Services	0	0	0	107
Q505	Gastroenterology Services	0	0	60	63
Q506	Geriatric Services	0	0	109	0
Q507	Gynecology	11,123	3,988	2,226	2,382
Q508	Hematology Services	355	102	0	0
Q509	Internal Medicine Services	1,519	1,420	1,097	472
Q510	Neurology Services	146	87	36	160
Q511	Ophthalmology Services	27	0	0	0
Q512	Optometry Services	87	41	61	109
Q513	Orthopedic Services	1,089	971	715	318
Q514	Otolaryngology Services	168	46	62	0
Q515	Pathology Services	4,207	4,164	4,046	2,269
Q516	Pediatric Services	1,207	842	1,034	671
Q517	Pharmacology Services	2,195	6,074	1,451	749
Q518	Physical Medicine & Rehabilitation Services	645	27	74	16
Q519	Psychiatry Services	16,409	4,773	1,672	349
Q521	Pulmonary Services	239	491	244	0
Q522	Radiology Services	22,220	17,581	13,517	11,382
Q523	Surgery Services	192	415	844	1,577
Q524	Thoracic Services	0	0	371	0
Q525	Urology Services	95	0	42	136
Q526	Medical/Psychiatric Consultation Services	1,874	1,697	1,202	154
Q527	Nuclear Medicine	428	0	214	0
Q999	Other Medical Services	87,472	83,149	40,313	18,192
TOTAL	Medical Services	448,439	454,241	300,204	250,176
R Professional, Admin & Management Support Svcs					
R111	A&E Const/Bldgs & Fac/Admin & Svc Bldgs	0	0	0	21,589
R112	A&E Const/Bldgs & Fac/Airfield, Msl & Comm	0	0	0	19,989
R113	A&E Const/Bldgs & Fac/Educational Bldgs	0	0	0	8,990
R114	A&E Const/Bldgs & Fac/Hospital Buildings	0	0	0	11,097
R115	A&E Const/Bldgs & Fac/Industrial Bldgs	0	0	0	22,280
R116	A&E Const/Bldgs & Fac/Residential Bldgs	0	0	0	22,607
R117	A&E Const/Bldgs & Fac/Warehouse Bldgs	0	0	0	5,512
R118	A&E Const/Bldgs & Fac/R&D Facilities	0	0	0	1,270
R119	A&E Const/Bldgs & Fac/Other Buildings	0	0	0	108,105
R11	A&E Construction/Bldg & Fac Structures	0	0	0	221,439
R121	A&E Const/Nbs/Conservation & Dev	0	0	0	3,510
R122	A&E Const/Nbs/Hwys, Streets & Bridges	0	0	0	3,286
R123	A&E Const/Nbs/Electric Power Generation	0	0	0	3,953
R124	A&E Const/Nbs/Utilities	0	0	0	17,157
R129	A&E Const/Nbs/Other	0	0	0	18,830
R12	A&E Const/Non-Bldg Structures (Nbs)	0	0	0	46,736
R1	Architect & Engineer (A&E) Construction	0	0	0	268,175
P211	A&E/Architect-Engineer Svcs (Non-Const)	0	0	0	292,744
P212	A&E/Engineer Drafting Services	0	0	0	23,476

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Professional, Admin & Management Support Svcs (CONT)				
R213	A&E/A&E Inspection Services (Non-Const)	0	0	0	10,469
R214	A&E/A&E Management Engineering Services	0	0	0	315,556
R215	A&E/A&E Production Engineering Services	0	0	0	387,718
R216	A&E/Marine Architect - Engineering Svcs	0	0	0	476,078
R219	A&E/Other Architect and Engineering Svcs	0	0	0	431,483
R2	Architect & Engineer (A&E) Svcs-General	0	0	0	1,937,524
R301	ADP Facility Management	0	0	0	60,715
R302	ADP Systems Development and Programming	0	0	0	286,354
R303	ADP Entry	0	0	0	17,635
R304	ADP Transmission	0	0	0	333
R305	ADP Teleprocessing	0	0	0	20,423
R306	ADP Systems Analysis	0	0	0	20,397
R307	ADP Automated Information System Services	0	0	0	113,122
R399	Other ADP Services	0	0	0	67,650
R7	Automatic Data Processing (ADP) Services	0	0	0	1,192,629
R404	Land Surveys, Cadastral Services (Non-Const)	15,016	15,518	9,885	13,278
R405	Operations Research Services	12,707	11,185	10,588	3,302
R406	Policy Review/Development Services	5,269	5,592	1,576	7,054
R407	Program Evaluation Services	39,113	30,840	38,874	31,968
R408	Program Management/Support Services	967,973	826,375	496,085	449,670
R409	Program Review/Development Services	31,817	49,647	47,970	49,405
R411	Real Property Appraisal Services (SIC 6531)	1,777	1,353	109	483
R412	Simulation	11,290	13,350	19,166	12,261
R413	Specifications Development Services	12,004	17,315	31,285	40,928
R414	Systems Engineering Services	1,290,666	1,287,138	1,222,525	1,326,228
R415	Technology Sharing/Utilization Services	40,636	44,553	34,820	78,081
R416	Veterinary/Animal Care Services	819	354	372	265
R418	Legal Services	4,314	5,307	2,243	1,806
R419	Educational Services	12,740	15,137	27,827	12,012
R420	Certifications & Accreditations	375	1,538	1,081	1,757
R421	Technical Assistance	80,774	62,998	62,562	35,441
R422	Telephone & Field Interview Services	2,623	1,568	213	80
R423	Intelligence Services	6,460	6,159	4,687	560
R424	Expert Witness	1,678	2,161	633	879
R425	Engineering Technical Services	1,817,671	2,153,753	992,914	638,163
R426	Communications Services	51,261	37,264	69,120	13,017
R427	Weather Reporting/Observation Services	425	158	2,812	0
R428	Industrial Hygienics	1,108	552	121	0
R497	Personal Services	3,655	4,912	12,471	672
R498	Prof Services/Other Professional Services	0	0	0	862,497
R499	Other Professional Services	408,348	449,768	474,592	0
R4	Professional Services	4,820,519	5,144,179	3,564,531	3,579,807
R502	Studies/Air Quality Analyses	0	0	0	1,877
R503	Studies/Archeological-Paleontological	0	0	0	3,051
R504	Studies/Chemical-Biological	0	0	0	3,749
R505	Studies/Cost Benefit	0	0	0	3,272
R506	Studies/Data - Other Than Scientific	0	0	0	8,761
R507	Studies/Economic, Labor	0	0	0	910
R509	Studies/Endangered Species - Plant/Animal	0	0	0	247
R510	Studies/Environmental Assessments	0	0	0	7,827
R511	Studies/Environmental Baseline	0	0	0	519
R512	Studies/Environmental Impact	0	0	0	1,359
R513	Studies/Feasibility - Non-Construction	0	0	0	7,667
R516	Studies, Fisheries	0	0	0	1,420
R517	Studies/Geological	0	0	0	1,161
R518	Studies/Geophysical	0	0	0	154
R519	Studies/Geotechnical	0	0	0	134
R521	Studies/Historical	0	0	0	824
R522	Studies/Legal-Litigation	0	0	0	332
R524	Studies/Mathematical-Statistical	0	0	0	1,394
R525	Studies/Natural Resource	0	0	0	214
R526	Studies/Oceanological	0	0	0	25,631
R529	Studies/Scientific Data	0	0	0	4,394
R530	Studies/Seismological	0	0	0	2,193
R532	Studies/Soils	0	0	0	230
R533	Studies/Water Quality	0	0	0	1,047
R534	Studies/Wildlife	0	0	0	140
R537	Studies/General Health	0	0	0	5,156

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Professional, Admin & Management Support Svcs (CONT)					
R538	Studies/Intelligence Analysis Support	0	0	0	26,969
R539	Studies/Aeronautic/Space Studies	0	0	0	1,998
R540	Studies/Building Technology	0	0	0	17,272
R541	Studies/Defense	0	0	0	21,199
R542	Studies/Educational Studies & Analyses	0	0	0	1,166
R544	Studies/Technology	0	0	0	5,290
R545	Studies/Housing & Community Development	0	0	0	30
R546	Studies/Security (Physical & Personnel)	0	0	0	6,599
R547	Studies/Accounting/Financial Management	0	0	0	6,010
R549	Studies/Foreign Policy/National Sec Policy	0	0	0	166
R550	Studies/Organization/Admin/Personnel	0	0	0	1,161
R551	Studies/Mobilization/Preparedness	0	0	0	4,452
R552	Studies/Manpower	0	0	0	887
R553	Studies/Communications	0	0	0	397
R554	Studies/Acquisition Policy/Procedures	0	0	0	370
R599	Other Special Studies and Analyses	0	0	0	140,903
R5	Special Studies & Analyses	0	0	0	318,532
R601	Material Management	0	0	0	3,630
R602	Courier & Messenger Services	1,301	1,096	2,266	399
R603	Transcription Services	2,697	1,678	748	1,077
R604	Mailing & Distribution Services	10,127	7,546	6,436	7,417
R605	Library Services	3,455	2,565	2,363	4,910
R606	Court Reporting Services	0	0	118	0
R607	Word Processing/Typing Services	1,624	4,033	4,358	5,200
R608	Translation & Interpreting Services	835	232	515	1,029
R609	Stenographic Services	76	431	350	350
R610	Personal Property Management Services	890	103	74	297
R611	Credit Reporting Services	993	352	2,111	615
R612	Information Retrieval Services	1,212	176	31	0
R699	Other Administrative Support Services	30,246	36,073	28,968	18,226
R6	Administrative Support Services	53,456	54,285	48,338	43,150
R701	Advertising Services	102,021	150,139	142,732	95,897
R702	Data Collection Services	121,453	84,986	66,078	60,279
R703	Accounting or Financial Services	17,139	19,599	18,597	13,584
R704	Auditing Services	7,639	1,268	0	1,156
R705	Debt Collection Services	0	566	1,153	2,951
R706	Logistics Support Services	537,076	458,033	433,696	317,350
R707	Contract, Procurement & Acquisition Support Svcs	32,808	28,365	75,970	59,466
R708	Public Relations Services	6,552	179	171	310
R709	Ongoing Audit Operations Support Services	560	0	821	302
R710	Relocation Services	0	0	0	1,307
R799	Other Management Support Services	450,661	426,931	568,965	443,834
R7	Management Support Services	1,275,909	1,170,066	1,308,183	994,174
TOTAL	Professional, Admin & Management Support Svcs	6,149,884	6,268,530	4,921,052	8,333,941
S Utilities & Housekeeping Services					
S111	Gas Services	202,639	222,093	199,004	233,036
S112	Electric Services	897,564	835,560	697,430	957,271
S113	Telephone and/or Communications Services	309,819	444,954	242,138	478,415
S114	Water Services	84,864	52,692	35,810	92,998
S119	Other Utilities	183,222	185,837	105,466	128,867
S1	Utilities	1,678,108	1,741,136	1,279,848	1,890,587
S201	Custodial - Janitorial Services	335,160	371,974	312,931	307,853
S202	Fire Protection Services	5,689	16,186	5,474	14,023
S203	Food Services	340,393	313,133	298,670	317,133
S204	Fueling & Other Petroleum Svcs-Excluding Storage	15,282	15,454	14,753	12,063
S205	Trash/Garbage Collection Svcs-Incl Port San Svcs	106,255	121,812	78,350	94,017
S206	Guard Services	136,918	104,197	104,017	87,887
S207	Insect & Rodent Control Services	2,001	1,863	1,218	2,629
S208	Landscaping/Groundskeeping Services	83,846	95,997	71,614	81,963
S209	Laundry & Dry Cleaning Services	45,960	40,854	29,757	38,256
S211	Surveillance Services	1,589	7,116	1,485	1,790
S212	Solid Fuel Handling Services	137	782	1,002	2,562

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Utilities & Housekeeping Services (CONT)					
S213	Messenger Services	0	0	0	871
S214	Carpet Laying & Cleaning Services	1,100	3,521	922	1,041
S215	Warehousing & Storage Services	35,879	32,605	31,578	14,515
S216	Facilities Operations Support Services	447,033	293,864	189,355	263,549
S217	Interior Landscaping Services	105	177	177	0
S218	Snow Removal/Salt Services	1,268	994	329	1,765
S219	Asbestos Removal	0	0	0	2,141
S220	Travel Agent Services	0	0	0	27,176
S221	Hazardous Waste Removal	0	0	0	6,943
S222	Waste Treatment & Storage Services	9,205	5,261	3,569	0
S299	Other Housekeeping Services	193,370	144,850	205,196	196,842
S2	Housekeeping Services	1,761,190	1,570,640	1,350,397	1,475,019
TOTAL	Utilities & Housekeeping Services	3,439,298	3,311,776	2,630,245	3,365,606
T Photographic, Mapping, Printing & Publication					
T001	Arts/Graphics Services	15,449	21,441	18,928	19,435
T002	Cartography Services	28,193	2,172	2,787	5,181
T003	Cataloging Services	119	70	33	405
T004	Charting Services	2,838	1,999	1,204	384
T005	Film Processing Services	3,127	3,264	2,565	2,308
T006	Film/Video Tape Production Services	6,995	5,748	6,540	5,665
T007	Microform Services	1,187	2,306	1,826	1,479
T008	Photogrammetry Services	616	303	1,177	1,130
T009	Aerial Photographic Services	763	1,080	8,714	1,175
T010	General Photographic Services - Still	15,728	18,065	16,587	15,262
T011	Print/Binding Services	1,180	977	562	787
T012	Reproduction Services	3,012	3,743	2,513	5,057
T013	Technical Writing Services	27,317	33,938	43,541	48,935
T014	Topography Services	470	141	75	257
T015	General Photographic Services - Motion	947	1,357	1,122	4,627
T016	Audio/Visual Services	13,492	13,232	12,632	12,892
T099	Other Photographic Mapping, Printing, & Pub Svcs	11,664	11,574	13,592	10,259
TOTAL	Photographic, Mapping, Printing & Publication	133,097	121,410	134,398	135,238
U Education & Training Services					
U001	Lectures for Training	7,599	2,491	1,833	1,470
U002	Personnel Testing	22,365	2,510	2,204	1,817
U003	Reserve Training (Military)	1,489	1,488	127	3,124
U004	Scientific & Management Education	4,501	6,978	18,514	6,035
U005	Tuition, Registration & Membership Fees	100,534	117,118	88,625	129,299
U006	Vocational/Technical	124,211	131,038	113,696	155,261
U007	Faculty Salaries for Dependent Schools	22,345	37,051	11,954	12,364
U008	Training/Curriculum Development	11,886	16,712	6,085	0
U009	Education Services	373,966	245,930	286,005	449,514
U010	Certifications & Accreditations	195	264	183	0
U011	AIDS Training	0	0	120	0
U099	Other Education & Training Services	43,230	41,925	7,499	0
TOTAL	Education & Training Services	712,321	603,505	536,845	758,884
V Transportation, Travel & Relocation Svcs					
V001	GBL and GTR Procurements	0	0	0	270
V002	Motor Pool Operations	21,061	28,710	26,756	22,932
V003	Packing/Crating Services	10,016	8,855	5,754	6,065
V111	Air Freight	27,300	1,996	3,963	3,524
V112	Motor Freight	5,434	9,901	11,344	9,435
V113	Rail Freight	53	0	0	103
V114	Stevedoring	287,961	75,653	51,061	69,162
V115	Vessel Freight	712,679	472,437	475,894	417,164
V119	Other Cargo & Freight Services	30,307	67,697	52,371	73,196
V11	Cargo & Freight Svcs for Transportation of Things	1,063,734	627,684	594,633	572,854
V121	Air Charter for Things	791,399	255,073	177,678	297,883

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Transportation, Travel & Relocation Svcs (CONT)					
V122	Motor Charter for Things	1,385	645	720	560
V123	Rail Charter for Things	4,190	44,718	0	0
V124	Marine Charter For Things	1,306,081	988,210	169,246	600,691
V125	Vessel Towing Services	3,300	5,456	1,971	17,859
V129	Other Vehicle Charter for Transportation of Things	12,474	14,328	6,310	8,542
V12	Vehicle Charter for Transportation of Things	2,118,829	1,308,430	355,925	925,535
V1	Transportation of Things	3,182,563	1,936,114	950,558	1,498,389
V211	Air Passenger Service	63,211	77,809	31,540	100,526
V212	Motor Passenger Service	17,958	21,334	15,136	24,453
V213	Rail Passenger Service	0	33	0	0
V214	Marine Passenger Service	0	373	0	286
V21	Passenger Service	81,169	99,549	46,676	125,265
V221	Passenger Air Charter Service	1,253,005	447,244	105,600	237,331
V222	Passenger Motor Charter Service	20,662	23,720	19,851	20,883
V224	Passenger Marine Charter Service	109	0	519	174
V225	Ambulance Service	2,234	2,064	1,124	1,458
V226	Taxicab Services	150	0	175	115
V22	Vehicle Charter For Passengers (With Operators)	1,276,160	473,028	127,269	259,961
V2	Travel of Persons	1,357,329	572,577	173,945	385,226
V231	Lodging - Hotel/Motel	41,980	19,848	7,233	15,241
V241	Military Personnel Recruitment	12,213	17,297	12,127	9,274
V301	Relocation Services	16,315	13,261	5,754	0
V302	Travel Agent Services	206	61	6,500	0
V999	Other Transportation Travel & Relocation Services	10,203	4,545	4,564	1,871
V3	Other Transportation Travel & Relocation Services	26,724	17,867	16,818	1,871
TOTAL	Transportation, Travel & Relocation Svcs	4,651,886	2,601,268	1,193,191	1,938,998
U Lease or Rental of Equipment					
W010	Lease or Rental of Eq/Weapons	0	656	38	2,105
W012	Lease or Rental of Eq/Fire Control Equipment	0	0	332	70
W013	Lease or Rental of Eq/Ammo & Explosives	0	73	73	0
W015	Lease or Rental of Eq/Aircraft Structural Comps	1,979	2,091	895	2,100
W016	Lease or Rental of Eq/Aircraft Comps & Accys	0	0	25	26
W017	Lease or Rental of Eq/Aircraft Gnd Handling Equip	0	219	369	2,320
W018	Lease or Rental of Eq/Space Vehicles	2,580	0	0	0
W019	Lease or Rental of Eq/Ships-Sml Craft-Docks	5,759	5,177	4,656	7,903
W020	Lease or Rental of Eq/Ship & Marine Equipment	783	2,799	799	906
W022	Lease or Rental of Eq/Railway Equipment	43	79	39	107
W023	Lease or Rental of Eq/Vehicles-Trailers-Cycles	61,086	26,965	16,812	14,247
W024	Lease or Rental of Eq/Tractors	708	593	550	417
W025	Lease or Rental of Eq/Vehicular Equipment Comps	0	225	846	372
W028	Lease or Rental of Eq/Engines, Turbines & Comps	253	65	90	0
W029	Lease or Rental of Eq/Engine Accessories	63	45	0	60
W030	Lease or Rental of Eq/Mech Power Trans Equipment	146	34	49	27
W032	Lease or Rental of Eq/Woodworking Machinery Equip	0	0	36	0
W034	Lease or Rental of Eq/Metalworking Machinery	165	462	55	237
W035	Lease or Rental of Eq/Service & Trade Equipment	1,349	1,528	1,721	1,330
W036	Lease or Rental of Eq/Special Industry Machinery	20,177	15,955	14,313	16,215
W037	Lease or Rental of Eq/Agricultural Machinery & Eq	0	136	264	0
W038	Lease or Rental of Eq/Construction Equipment	17,309	14,614	7,940	13,453
W039	Lease or Rental of Eq/Materials Handling Equipment	6,192	3,692	2,714	3,677
W041	Lease or Rental of Eq/Refrigeration, Air Cond Eq	1,234	293	421	4,478
W042	Lease or Rental of Eq/Fire, Rescue & Safety Equip	140	0	28	102
W043	Lease or Rental of Eq/Pumps & Compressors	1,028	1,023	764	1,011
W044	Lease or Rental of Eq/Furnace-Steam Plant-Reac	485	1,590	863	967
W045	Lease or Rental of Eq/Plumbing & Heating Equipment	21,124	5,593	608	968
W046	Lease or Rental of Eq/Water Purification Equipment	1,395	157	2,404	1,626
W049	Lease or Rental of Eq/Maintenance & Repair Shop Eq	287	2,151	649	3,502
W052	Lease or Rental of Eq/Measuring Tools	639	119	0	52

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Lease or Rental of Equipment (CONT)				
W053	Lease or Rental of Eq/Hardware & Abrasives	0	0	67	0
W054	Lease or Rental of Eq/Prefab Structures	4,119	3,161	5,692	3,648
W055	Lease or Rental of Eq/Lumber & Millwork	0	61	0	0
W056	Lease or Rental of Eq/Construction Materials	0	50	72	32
W058	Lease or Rental of Eq/Communication Equipment	173,394	217,006	122,379	160,493
W059	Lease or Rental of Eq/Electrical & Elct Eq Comps	64	279	1,350	767
W061	Lease or Rental of Eq/Power Distribution Equipment	365	0	177	518
W062	Lease or Rental of Eq/Lighting Fixtures & Lamps	106	56	0	280
W063	Lease or Rental of Eq/Alarm & Signal Systems	1,968	2,369	2,218	2,962
W065	Lease or Rental of Eq/Medical & Dental Equipment	5,968	1,861	1,581	464
W066	Lease or Rental of Eq/Instruments & Lab Equipment	1,352	1,008	1,339	1,464
W067	Lease or Rental of Eq/Photographic Equipment	1,340	1,087	798	828
W068	Lease or Rental of Eq/Chemical Products	104	32	176	108
W069	Lease or Rental of Eq/Training Aids & Devices	6,664	1,720	230	86
W070	Lease or Rental of Eq/ADP Equip & Supplies	30,443	37,980	93,052	208,810
W071	Lease or Rental of Eq/Furniture	480	112	97	221
W072	Lease or Rental of Eq/Household Furnishings	1,518	1,679	1,573	1,675
W073	Lease or Rental of Eq/Food Prep & Serving Equip	1,113	172	137	151
W074	Lease or Rental of Eq/Office Machines	19,124	19,272	20,400	16,873
W075	Lease or Rental of Eq/Office Supplies & Devices	260	566	182	124
W076	Lease or Rental of Eq/Books-Maps-Pubs	403	389	28	110
W078	Lease or Rental of Eq/Recreational Equipment	0	0	36	0
W079	Lease or Rental of Eq/Cleaning Equipment	152	379	133	173
W081	Lease or Rental of Eq/Containers-Packaging	432	912	561	2,127
W083	Lease or Rental of Eq/Textiles-Leather-Furs	1,763	778	198	373
W084	Lease or Rental of Eq/Clothing - Individual	107	79	33	68
W085	Lease or Rental of Eq/Toiletries	0	61	0	0
W089	Lease or Rental of Eq/Subsistence	0	0	4,245	15,513
W099	Lease or Rental of Eq/Miscellaneous Equipment	18,610	11,052	12,356	18,473
TOTAL	Lease or Rental of Equipment	414,773	388,057	327,389	514,619
X	Lease or Rental of Facilities				
X111	Lease/Office Buildings	4,546	3,135	2,495	1,236
X112	Lease/Conference Space & Facilities	243	0	79	0
X119	Lease/Other Administrative & Service Buildings	1,055	475	1,021	1,260
X11	Administrative Facilities & Service Buildings	5,844	3,610	3,595	2,496
X126	Lease/Missile System Facilities	0	0	0	95
X127	Lease/Electronic & Communication Facilities	58	283	0	0
X129	Lease/Other Airfield Structures	41	112	0	0
X12	Airfield, Communications, & Missile Facilities	99	395	0	95
X131	Lease/Schools	237	224	556	642
X139	Lease/Other Educational Buildings	431	134	105	0
X13	Educational Buildings	668	358	661	642
X141	Lease/Hospitals & Infirmarys	0	67	0	0
X142	Lease/Laboratories & Clinics	0	494	0	0
X14	Hospital Buildings	0	561	0	0
X151	Lease/Ammunition Facilities	0	0	0	68
X152	Lease/Maintenance Buildings	320	259	69	0
X159	Lease/Other Industrial Buildings	100	28	0	1,578
X15	Industrial Buildings	420	287	69	1,646
X161	Lease/Family Housing Facilities	17,177	1,816	277	477
X162	Lease/Recreational Buildings	176	88	53	0
X163	Lease/Troop Housing Facilities	2,053	1,255	1,387	1,513
X164	Lease/Dining Facilities	30	0	0	0
X165	Lease/Religious Facilities	0	0	0	36
X169	Lease/Other Residential Buildings	12,308	411	5,796	1,563
X16	Residential Buildings	31,744	3,570	7,513	3,589
X171	Lease/Ammunition Storage Buildings	427	0	0	0
X172	Lease/Food or Grain Storage Buildings	0	153	164	0

Prepared By: Washington Headquarters Services  
Directorate For Information  
Operations and Reports

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Lease or Rental of Facilities (CONT)				
X173	Lease/Fuel Storage Buildings	62,121	60,230	82,423	84,289
X174	Lease/Open Storage Facilities	49	48	201	14,435
X179	Lease/Other Warehouse Buildings	439	494	64	228
X17	Warehouse Buildings	63,036	60,925	82,852	98,952
X191	Lease/Museums & Exhibition Buildings	0	0	0	372
X192	Lease/Testing & Measurement Buildings	0	0	0	107
X199	Lease/Other Miscellaneous Buildings	1,241	5,334	1,123	1,368
X19	Other Buildings	1,241	5,334	1,123	1,847
X1	Construction of Structures & Facilities	103,052	75,040	95,813	109,267
X214	Lease/Mine Subsidence Control Facilities	0	0	727	0
X219	Lease/Other Conservation & Development Facilities	0	83	0	0
X21	Conservation & Development Facilities	0	83	727	0
X224	Lease/Parking Facilities Construction	171	160	0	0
X22	Highways, Roads, Streets, & Bridges	171	160	0	0
X239	Lease/EPG - Other, Including Transmission	0	180	0	0
X23	Electric Power Generation (EPG) Facilities	0	180	0	0
X241	Lease/Fuel Supply Facilities	80	0	0	275
X244	Lease/Sewage & Waste Facilities	55	38	0	0
X249	Lease/Other Utilities	33	33	33	0
X24	Utilities	168	71	33	275
X291	Lease/Recreation Facilities (Non-Building)	65	0	0	0
X299	Lease/All Other Non-Building Facilities	102,068	124,113	33,903	8,767
X29	Other Non-Building Facilities	102,133	124,113	33,903	8,767
X2	Non-Building Structures	102,472	124,607	34,663	9,042
TOTAL	Lease or Rental of Facilities	205,524	199,647	130,476	118,309
Y	Construction of Structures & Facilities				
Y111	Office Buildings	74,150	63,595	59,714	50,257
Y112	Conference Space & Facilities	1,611	1,750	912	0
Y119	Other Administrative & Service Buildings	433,642	227,074	242,398	315,217
Y11	Administrative Facilities & Service Buildings	509,403	292,419	303,024	365,474
Y121	Air Traffic Control Towers	4,414	768	32,359	1,985
Y122	Air Traffic Control Training Facilities	3,743	142	2,210	335
Y123	Radar & Navigational Facilities	25,972	32,517	32,025	150,327
Y124	Airport Runways	29,806	67,014	47,610	42,337
Y125	Airport Terminals	146	1,868	176	2,791
Y126	Missile System Facilities	9,322	16,167	71,211	75,228
Y127	Electronic & Communication Facilities	263,988	332,320	256,620	186,821
Y129	Other Airfield Structures	204,353	159,107	241,528	332,843
Y12	Airfield, Communications, & Missile Facilities	541,744	609,903	683,739	792,667
Y131	Schools	21,261	52,920	90,644	65,601
Y139	Other Educational Buildings	170,696	11,861	130,368	112,664
Y13	Educational Buildings	191,957	64,781	221,012	178,265
Y141	Hospitals & Infirmarys	16,892	69,722	64,753	62,065
Y142	Laboratories & Clinics	9,251	10,792	26,386	27,885
Y149	Other Hospital Buildings	138,064	12,141	37,887	25,175
Y14	Hospital Buildings	164,207	92,655	129,026	115,125

# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Construction of Structures & Facilities (CONT)					
Y151	Ammunition Facilities	25,050	26,497	38,022	54,974
Y152	Maintenance Buildings	98,076	8,706	186,385	157,304
Y153	Production Buildings	11,650	39,033	30,931	60,412
Y154	Ship Construction & Repair Facilities	4,421	7,361	21,901	3,900
Y155	Tank-Automotive Facilities	11,865	4,167	9,209	13,304
Y159	Other Industrial Buildings	144,729	98,625	138,879	151,419
Y15	Industrial Buildings	295,791	184,389	425,327	441,313
Y161	Family Housing Facilities	196,670	111,735	366,573	289,455
Y162	Recreational Buildings	27,396	16,862	31,271	41,716
Y163	Troop Housing Facilities	117,077	70,197	161,196	250,295
Y164	Dining Facilities	11,429	9,567	15,283	46,364
Y165	Religious Facilities	8,948	1,608	4,972	11,387
Y166	Penal Facilities	0	0	0	1,339
Y169	Other Residential Buildings	118,343	23,006	152,944	130,235
Y16	Residential Buildings	479,863	232,975	732,239	770,791
Y171	Ammunition Storage Buildings	9,052	19,397	68,357	8,023
Y172	Food or Grain Storage Buildings	336	1,881	24,735	7,109
Y173	Fuel Storage Buildings	1,976	9,130	15,786	22,109
Y174	Open Storage Facilities	5,731	5,544	10,006	2,858
Y179	Other Warehouse Buildings	131,490	43,331	135,405	141,022
Y17	Warehouse Buildings	148,585	79,283	254,289	181,121
Y181	Government-Owned Contractor-Operated R&D Fac	2,050	14,422	2,090	4,640
Y182	Government-Owned Government-Operated R&D Fac	35,192	3,696	25,636	9,605
Y183	GOCO Environmental Laboratories	0	230	0	0
Y18	Research & Development Facilities	37,242	18,348	27,726	14,245
Y191	Museums & Exhibition Buildings	10,502	2,045	451	1,719
Y192	Testing & Measurement Buildings	116,691	3,464	32,546	25,010
Y199	Other Miscellaneous Buildings	986,684	454,205	1,018,253	914,000
Y19	Other Buildings	1,113,877	459,714	1,051,250	940,729
Y1	Construction of Structures & Facilities	3,482,669	2,034,467	3,827,632	3,799,730
Y211	Dams	237,522	229,625	91,954	277,384
Y212	Canals	25,318	7,924	11,670	3,033
Y213	Mine Fire Control Facilities	316	180	299	212
Y214	Mine Subsidence Control Facilities	99	66	32	0
Y215	Surface Mine Reclamation Facilities	459	0	264	0
Y216	Dredging	251,129	271,997	234,503	324,447
Y219	Other Conservation & Development Facilities	405,340	304,734	321,514	282,081
Y21	Conservation & Development Facilities	920,183	814,526	660,236	887,157
Y221	Airport Service Roads	5,863	3,790	11,279	5,162
Y222	Highways, Roads, Streets, & Bridges	196,281	56,770	56,614	76,551
Y223	Tunnels & Subsurface Structures	23,638	12,290	5,180	3,245
Y224	Parking Facilities Construction	14,908	10,710	23,226	9,801
Y22	Highways, Roads, Streets, & Bridges	240,690	83,560	96,299	94,759
Y231	EPG - Coal	32	1,033	42	100
Y232	EPG - Gas	0	477	403	414
Y233	EPG - Geothermal	47-	0	0	60
Y234	EPG - Hydro	273	167	85	192
Y236	EPG - Petroleum	96	404	1,116	478
Y239	EPG - Other, Including Transmission	7,770	12,015	21,984	15,340
Y23	Electric Power Generation (EPG) Facilities	8,124	14,096	23,630	16,584
Y241	Fuel Supply Facilities	54,806	18,326	22,851	47,754
Y242	Heating & Cooling Plants	14,056	12,642	46,792	12,631
Y243	Pollution Abatement & Control Facilities	6,181	6,815	2,013	23,371
Y244	Sewage & Waste Facilities	33,295	14,200	18,273	29,062
Y245	Water Supply Facilities	59,586	38,653	48,967	44,723
Y249	Other Utilities	65,194	34,951	64,011	57,881



# TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Construction of Structures & Facilities (CONT)				
Y24	Utilities	233,118	125,587	202,907	215,422
Y291	Recreation Facilities (Non-Building)	19,697	20,397	23,147	31,287
Y292	Exhibit Design (Non-Building)	185	245	559	0
Y293	Unimproved Real Property (Land)	12,474	16,593	4,419	3,153
Y294	Waste Treatment & Storage Facilities	6,373	12,164	826	0
Y299	All Other Non-Building Facilities	558,739	350,986	325,565	693,026
Y29	Other Non-Building Facilities	597,468	400,385	354,516	727,466
Y2	Non-Building Structures	1,999,583	1,438,154	1,337,588	1,941,388
Y300	Restoration Activities	723	67	0	0
Y3	Restoration Activities	723	67	0	0
TOTAL	Construction of Structures & Facilities	5,482,975	3,472,688	5,165,220	5,741,118
Z	Maintenance, Repair or Alteration of Real Prop				
Z111	Maint/Office Buildings	219,214	149,628	145,751	153,835
Z112	Maint/Conference Space & Facilities	791	566	1,750	0
Z119	Maint/Other Administrative & Service Buildings	265,045	206,934	338,492	194,152
Z11	Administrative Facilities & Service Buildings	485,050	357,128	485,993	347,987
Z121	Maint/Air Traffic Control Towers	4,854	1,746	4,517	1,274
Z122	Maint/Air Traffic Control Training Facilities	13,472	7,580	1,337	254
Z123	Maint/Radar & Navigational Facilities	5,962	4,628	2,236	5,607
Z124	Maint/Airport Runways	106,273	78,574	65,628	78,428
Z125	Maint/Airport Terminals	9,037	6,322	11,204	3,756
Z126	Maint/Missile System Facilities	7,181	13,536	17,279	7,633
Z127	Maint/Electronic & Communication Facilities	53,414	43,577	61,478	24,461
Z129	Maint/Other Airfield Structures	75,676	42,872	93,422	90,218
Z12	Airfield, Communications, & Missile Facilities	275,869	198,835	257,101	211,631
Z131	Maint/Schools	21,418	18,573	21,850	20,672
Z139	Maint/Other Educational Buildings	34,249	14,014	13,345	30,628
Z13	Educational Buildings	55,667	32,587	35,195	51,300
Z141	Maint/Hospitals & Infirmaries	60,367	51,412	44,605	27,695
Z142	Maint/Laboratories & Clinics	15,634	4,914	8,925	15,993
Z149	Maint/Other Hospital Buildings	18,504	21,881	28,055	14,269
Z14	Hospital Buildings	94,505	78,207	81,585	57,957
Z151	Maint/Ammunition Facilities	15,127	6,268	9,358	12,503
Z152	Maint/Maintenance Buildings	108,081	74,047	66,199	78,493
Z153	Maint/Production Buildings	33,103	36,566	23,839	22,044
Z154	Maint/Ship Construction & Repair Facilities	11,196	2,459	4,011	7,156
Z155	Maint/Tank-Automotive Facilities	2,675	2,355	8,021	1,784
Z159	Maint/Other Industrial Buildings	132,027	72,468	82,955	132,046
Z15	Industrial Buildings	302,209	194,163	194,383	254,026
Z161	Maint/Family Housing Facilities	497,369	367,177	454,022	469,862
Z162	Maint/Recreational Buildings	31,107	22,724	28,645	57,416
Z163	Maint/Troop Housing Facilities	148,852	130,989	120,896	129,682
Z164	Maint/Dining Facilities	36,625	23,299	49,775	36,392
Z165	Maint/Religious Facilities	4,869	4,623	3,695	4,012
Z166	Maint/Prison Facilities	96	0	604	467
Z169	Maint/Other Residential Buildings	49,957	39,258	52,566	19,451
Z16	Residential Buildings	768,683	588,070	710,203	717,282
Z171	Maint/Ammunition Storage Buildings	8,159	4,515	4,341	3,117
Z172	Maint/Food or Grain Storage Buildings	5,736	3,952	2,514	4,350
Z173	Maint/Fuel Storage Buildings	9,861	9,654	8,272	11,120

# TABLE 2B. Other Services and Construction

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Maintenance, Repair or Alteration of Real Prop (CONT)				
Z174	Maint/Open Storage Facilities	4,196	2,868	5,891	2,221
Z179	Maint/Other Warehouse Buildings	64,783	37,215	47,565	46,564
Z17	Warehouse Buildings	92,735	58,204	68,583	67,372
Z181	Maint/Government-Owned Contractor-Operated R&D Fac	341	68	1,007	2,463
Z182	Maint/Government-Owned Government-Operated R&D Fac	25,853	17,925	23,310	14,440
Z183	GOCO Environmental Laboratories	923	0	0	0
Z184	GOGO Environmental Laboratories	62	0	0	0
Z18	Research & Development Facilities	27,179	17,993	24,317	16,903
Z191	Maint/Museums & Exhibition Buildings	2,305	2,012	1,392	644
Z192	Maint/Testing & Measurement Buildings	4,997	9,034	16,210	9,271
Z199	Maint/Other Miscellaneous Buildings	598,051	491,017	492,869	511,611
Z19	Other Buildings	605,353	502,063	510,471	521,526
Z1	Construction of Structures & Facilities	2,707,250	2,027,250	2,367,831	2,245,984
Z211	Maint/Dams	11,577	30,827	47,810	51,512
Z212	Maint/Canals	3,589	4,214	770	1,643
Z213	Maint/Mine Fire Control Facilities	648	1,324	177	199
Z214	Maint/Mine Subsidence Control Facilities	416	117	0	0
Z215	Maint/Surface Mine Reclamation Facilities	527	0	266	0
Z216	Maint/Dredging	57,941	66,082	43,377	30,993
Z219	Maint/Other Conservation & Development Facilities	81,166	86,984	62,930	63,874
Z21	Conservation & Development Facilities	155,864	189,548	155,330	148,221
Z221	Maint/Airport Service Roads	28,872	13,741	24,102	9,615
Z222	Maint/Highways, Roads, Streets, & Bridges	215,296	106,932	105,645	124,713
Z223	Maint/Tunnels & Subsurface Structures	43,758	2,406	5,381	5,388
Z224	Maint/Parking Facilities Construction	22,833	19,445	19,227	27,831
Z22	Highways, Roads, Streets, & Bridges	310,759	142,524	154,355	167,547
Z231	Maint/EPG - Coal	163	850	324	2,668
Z232	Maint/EPG - Gas	1,115	1,593	1,579	2,045
Z233	Maint/EPG - Geothermal	199	0	0	439
Z234	Maint/EPG - Hydro	1,793	404	2,080	1,210
Z235	Maint/EPG - Nuclear	0	882	0	520
Z236	Maint/EPG - Petroleum	1,035	1,036	1,570	1,125
Z237	Maint/EPG - Solar	0	76	513	0
Z239	Maint/EPG - Other, Including Transmission	22,058	14,820	21,937	17,252
Z23	Electric Power Generation (EPG) Facilities	26,363	19,661	28,003	25,259
Z241	Maint/Fuel Supply Facilities	40,568	30,631	22,024	33,811
Z242	Maint/Heating & Cooling Plants	43,350	47,544	51,367	59,197
Z243	Maint/Pollution Abatement & Control Facilities	20,311	5,271	3,373	1,322
Z244	Maint/Sewage & Waste Facilities	51,107	40,816	60,103	67,754
Z245	Maint/Water Supply Facilities	46,585	27,870	52,562	32,487
Z249	Maint/Other Utilities	135,565	87,384	74,054	88,085
Z24	Utilities	337,486	239,516	263,483	282,656
Z291	Maint/Recreation Facilities (Non-Building)	17,221	11,980	9,563	12,301
Z292	Maint/Exhibit Design (Non-Building)	456	181	209	1,337
Z293	Maint/Unimproved Real Property (Land)	11,137	14,028	6,849	11,469
Z294	Maint/Waste Treatment & Storage Facilities	8,674	8,154	6,407	0
Z299	Maint/All Other Non-Building Facilities	446,330	381,035	425,452	550,534
Z29	Other Non-Building Facilities	483,818	415,378	448,480	575,641
Z2	Non-Building Structures	1,314,290	1,006,627	1,049,651	1,199,324
Z300	Restoration Activities	1,954	3,627	0	0
Z3	Restoration Activities	1,954	3,627	0	0
TOTAL	Maintenance, Repair or Alteration of Real Prop	4,023,494	3,037,504	3,417,482	3,445,308
TOTAL	OTHER SERVICES AND CONSTRUCTION	42,251,201	36,440,032	33,248,839	35,981,762

### **TABLE 3**

Net Value of  
Prime Contract Awards Over \$25,000  
for Supplies and Equipment,  
by Federal Supply Classification  
Code and Description:  
FY 1991, 1990, 1989, and 1988

# TABLE 3A. Summary of Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
10	Weapons	997,999	1,320,657	1,016,190	1,520,056
11	Nuclear Ordnance	24,099	29,296	127,306	25,928
12	Fire Control Equipment	736,018	1,490,216	1,196,259	1,223,153
13	Ammunition and Explosives	2,878,646	3,034,198	2,336,917	2,971,771
14	Guided Missiles	8,636,713	7,329,454	9,274,329	9,109,211
15	Aircraft & Airframe Structural Components	12,204,645	12,344,805	10,559,686	11,078,206
16	Aircraft Components and Accessories	2,093,323	2,518,911	2,768,140	2,598,342
17	Acft Launching, Ldg. & Gnd Handling Equip	162,292	166,614	240,390	292,505
18	Space Vehicles	666,304	804,154	1,259,242	928,970
19	Ships, Sml Cft, Pontoons & Floating Docks	4,721,083	4,766,562	5,115,289	8,423,665
20	Ship and Marine Equipment	184,521	224,498	368,896	562,625
22	Railway Equipment	4,260	2,280	3,335	4,572
23	Gnd Effect Veh, Motor Veh, Trailers & Cyps	3,681,538	1,778,020	1,755,436	2,566,286
24	Tractors	13,991	20,773	79,042	55,031
25	Vehicular Equipment Components	873,484	770,316	702,311	654,774
26	Tires and Tubes	124,698	136,084	91,007	79,798
28	Engines, Turbines, and Components	4,124,962	4,962,203	4,828,632	5,009,162
29	Engine Accessories	326,587	427,482	447,511	438,301
30	Mechanical Power Transmission Equipment	181,841	93,811	86,109	83,426
31	Bearings	92,797	83,534	88,376	90,779
32	Woodworking Machinery and Equipment	563	1,329	3,554	1,304
34	Metalworking Machinery	136,610	101,286	139,476	131,975
35	Service and Trade Equipment	17,471	13,377	11,169	33,687
36	Special Industry Machinery	99,002	65,097	74,238	119,971
37	Agricultural Machinery and Equipment	6,574	3,037	3,949	3,103
38	Const, Mining, Excavating & Hwy Maint Eq	83,955	120,551	202,304	198,915
39	Materials Handling Equipment	320,725	259,131	262,694	452,468
40	Rope, Cable, Chain and Fittings	33,260	22,017	26,460	25,022
41	Refrigeration, AC & Air Circulating Equip	115,621	83,902	87,946	84,865
42	Fire Fighting, Rescue & Safety Equipment	336,920	241,217	229,772	245,920
43	Pumps and Compressors	127,183	120,561	129,039	139,969
44	Furnace, Steam Plant, Drying Equip & Nucl	406,569	694,074	636,045	1,490,861
45	Plumbing, Heating & Sanitation Equipment	23,895	16,785	25,397	43,694
46	Water Purification & Sewage Treatment Eq	38,184	29,093	8,085	28,012
47	Pipe, Tubing, Hose & Fittings	91,771	64,693	79,610	81,809
48	Valves	121,153	110,844	135,483	121,165
49	Maintenance & Repair Shop Equipment	402,554	535,797	812,306	693,680
51	Hand Tools	19,998	19,136	16,326	20,364
52	Measuring Tools	2,277	7,622	4,129	8,938
53	Hardware and Abrasives	64,753	96,697	123,005	123,996
54	Prefabricated Structures & Scaffolding	141,184	96,279	114,466	189,456
55	Lumber, Millwork, Plywood & Veneer	20,914	28,809	23,229	23,568
56	Construction & Building Materials	105,910	49,778	64,030	73,545
58	Communication, Detection, & Coherent Radiation Eq	6,345,127	9,284,660	10,246,164	7,790,161
59	Electrical & Electronic Equip Components	2,430,366	1,296,940	1,360,558	1,582,656

# TABLE 3A. Summary of Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
60	Fiber Optics Mats, Components, Assemblies, & Accys	80,536	24,800	41,414	16,633
61	Electric Wire & Power Distribution Equip	620,171	668,024	557,472	759,550
62	Lighting Fixtures and Lamps	64,614	62,796	53,867	88,304
63	Alarm, Signal, & Security Detection Systems	50,433	48,724	27,897	86,778
65	Medical, Dental, & Veterinary Eq & Sup	817,691	547,214	476,125	532,782
66	Instruments and Laboratory Equipment	1,349,412	1,084,379	1,177,470	1,374,042
67	Photographic Equipment	62,526	42,297	59,768	63,206
68	Chemicals and Chemical Products	185,903	115,757	89,486	71,142
69	Training Aids and Devices	652,669	775,547	553,177	663,995
70	General Purpose ADP Eq Software Sup & Eq	1,961,085	1,949,833	1,974,959	2,360,038
71	Furniture	318,195	220,459	235,414	210,236
72	Household & Coml Furnishings & Appliances	93,293	41,874	48,143	52,793
73	Food Preparation and Serving Equipment	70,976	51,355	39,880	52,591
74	Office Machines & Visible Record Equipment	14,413	12,709	18,163	32,106
75	Office Supplies and Devices	25,763	31,070	25,161	23,429
76	Books, Maps, Other Publications	147,514	133,199	170,869	172,801
77	Musical Inst, Phonographs, Home Type Radio	3,821	1,820	4,517	1,961
78	Recreational and Athletic Equipment	11,175	9,065	3,295	5,914
79	Cleaning Equipment and Supplies	39,950	62,497	46,097	35,922
80	Brushes, Paints, Sealers and Adhesives	8,683	7,750	10,468	6,022
81	Containers, Packaging & Packing Supplies	249,290	123,154	203,010	165,262
83	Tex/lthr/furs/apparel/findings/tents/flags	133,012	66,705	170,438	179,812
84	Clothing, Individual Equipment & Insignia	1,254,735	773,513	784,093	1,049,258
85	Toiletries	54,996	44,462	33,440	36,436
87	Agricultural Supplies	12,340	12,723	9,875	12,456
88	Live Animals	689	878	1,165	815
89	Subsistence	2,370,239	1,819,196	1,462,639	1,456,723
91	Fuels, Lubricants, Oils and Waxes	6,002,094	5,163,591	4,549,390	4,542,631
93	Nonmetallic Fabricated Materials	33,755	40,648	28,342	40,628
94	Nonmetallic Crude Materials	182	371	32-	33
95	Metal Bars, Sheets and Shapes	47,462	57,181	70,193	62,275
96	Ores, Minerals, and Their Primary Products	4,994	113,642	8,024	10,956
99	Miscellaneous	2,562,925	2,225,337	2,405,186	2,930,753
T O T A L SUPPLIES AND EQUIPMENT		73,527,876	71,999,150	72,503,242	78,524,948

# TABLE 3B. Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Weapons					
1005	Guns, Through 30 mm	350,423	445,931	419,582	383,931
1010	Guns, Over 30 mm Up To 75 mm	30,298	19,789	31,754	19,582
1015	Guns, 75 mm Through 125 mm	62,957	35,273	51,333	112,447
1020	Guns, Over 125 mm Through 150 mm	51,481	15,688	39,902	94,482
1025	Guns, Over 150 mm Through 200 mm	21,359	13,902	31,083	15,092
1030	Guns, Over 200 mm Through 300 mm	493	313	183	161
1035	Guns, Over 300 mm	84	163	163	336
1040	Chemical Weapons and Equipment	418	7,362	3,292	6,067
1045	Launchers, Torpedo and Depth Charge	9,759	17,095	11,457	14,077
1055	Launchers, Rocket and Pyrotechnic	45,530	108,361	99,796	95,364
1070	Nets and Booms, Ordnance	0	84	0	1,216
1075	Degaussing and Mine Sweeping Equipment	16,570	7,979	10,280	9,799
1080	Camouflage and Deception Equipment	50,149	49,727	61,266	10,849
1090	Assy Intrcng Btwn Wpns In 2 or More Class	120	3,919	2,010	2,234
1095	Miscellaneous Weapons	358,358	595,071	254,089	784,603
TOTAL	Weapons	997,999	1,320,657	1,016,190	1,520,056
Nuclear Ordnance					
1105	Nuclear Bombs	458	4,085	2,813	832
1110	Nuclear Projectiles	0	0	0	1,871
1115	Nuclear Warheads and Warhead Sections	1,187	23,573	109,639	5,518
1135	Fusing and Firing Devices, Nucl Ordnance	3,427	454	2,042	8,545
1140	Nuclear Components	241	0	0	0
1145	Explosive an. Pyrotechnic Comps, Nucl Ord	1,960	168	0	0
1190	Specialized Test and Handling Eq, Nucl Ord	11,417	1,984	11,739	7,440
1195	Miscellaneous Nuclear Ordnance	5,409	968	1,073	1,722
TOTAL	Nuclear Ordnance	24,099	29,296	127,306	25,928
Fire Control Equipment					
1210	Fire Control Directors	55,014	44,441	39,177	202,757
1220	Fire Control Computing Sights & Devices	58,451	32,573	22,934	26,053
1230	Fire Control Systems, Complete	116,512	392,953	179,952	96,768
1240	Optical Sighting and Ranging Equipment	167,668	269,694	246,382	222,460
1250	Fire Control Stabilizing Mechanisms	711	69	176	72
1260	Fire Cntl Designating & Indicating Equip	22,559	40,184	120,231	97,488
1265	Fire Control Transmitting & Receiving Eq	19,817	80,126	86,758	31,644
1270	Aircraft Gunnery Fire Control Components	161,052	378,709	250,797	250,484
1280	Aircraft Bombing Fire Control Components	19,093	111,439	78,500	130,292
1285	Fire Control Radar Equip, Except Airborne	33,671	23,603	51,985	69,560
1287	Fire Control Sonar Equipment	12,286	11,429	27,549	25,081
1290	Miscellaneous Fire Control Equipment	69,184	104,996	91,818	70,494
TOTAL	Fire Control Equipment	736,018	1,490,216	1,196,259	1,223,153
Ammunition and Explosives					
1305	Ammunition, Through 30 mm	280,055	164,174	158,863	182,755
1310	Ammunition, Over 30 mm Up To 75 mm	43,363	59,350	7,757	78,447
1315	Ammunition, 75 mm Through 125 mm	630,901	497,481	422,077	585,061
1320	Ammunition, Over 125 mm	178,360	216,851	128,866	341,010
1325	Bombs	500,433	446,524	397,239	492,820
1330	Grenades	67,160	73,596	65,686	111,877
1336	Guided Msl Warheads and Explosive Comps	49,264	21,495	49,915	12,106
1337	Guide Msl & Space Veh Explo Un, Fuel, Comp	37,619	45,962	52,113	59,963
1338	Guide Msl and Sp Veh Inert Un, Fuel, Comp	6,117	3,233	6,349	1,061
1340	Rockets, Rocket Ammunition & Rocket Comps	76,063	503,406	112,249	115,779
1345	Land Mines	65,572	128,724	96,394	95,000
1350	Underwater Mine Inert Components	13,082	18,382	23,534	54,509
1351	Underwater Mine Explosive Components	5,400	4,331	2,470	4,219
1355	Torpedo Inert Components	258,833	464,321	442,595	493,482
1356	Torpedo Explosive Components	235,270	1,353	4,012	6,412
1360	Depth Charge Inert Components	953	190	56	1,054
1361	Depth Charge Explosive Components	0	300	184	134
1365	Military Chemical Agents	550	3,651	1,457	1,276
1370	Pyrotechnics	59,087	39,964	28,591	36,679
1375	Demolition Materials	8,958	12,707	20,229	15,500
1376	Bulk Explosives	127,477	79,030	16,546	30,554
1377	Cartridge & Propellant Actuated Dv & Comps	72,692	82,407	66,810	66,915

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Ammunition and Explosives (CONT)					
1385	Surface Use Explo Ord Disposal Tools & Eq	4,447	1,455	4,297	6,392
1386	Undwtr Use Explo Ord Disposal Tools & Eq	2,951	141	6,819	991
1390	Fuses and Primers	140,543	152,076	141,203	144,207
1395	Miscellaneous Ammunition	4,058	3,983	8,426	7,390
1398	Specilized Ammo Handling and Svcing Equip	11,344	9,111	72,180	26,178
TOTAL	Ammunition and Explosives	2,878,646	3,034,198	2,336,917	2,971,771
Guided Missiles					
1410	Guided Missiles	1,279,608	2,314,973	3,015,304	3,117,586
1420	Guided Missile Components	1,065,139	816,874	1,317,899	1,398,698
1425	Guided Missile Systems, Complete	1,686,492	1,915,207	2,007,175	2,448,330
1427	Guided Missile Subsystems	440,475	896,442	1,138,378	983,735
1430	Guided Missile Remote Control Systems	407,472	120,147	242,936	215,739
1440	Launchers, Guided Missile	479,155	720,403	555,744	760,923
1450	Guided Missile Handling & Servicing Equip	978,372	545,408	996,893	184,200
TOTAL	Guided Missiles	8,636,713	7,329,454	9,274,329	9,109,211
Aircraft & Airframe Structural Components					
1510	Aircraft Fixed Wing	10,228,186	8,886,442	7,302,570	7,693,524
1520	Aircraft Rotary Wing	1,061,659	2,345,364	1,721,089	1,942,341
1550	Drones	78,096	106,815	132,075	140,214
1560	Airframe Structural Components	836,704	1,006,184	1,403,952	1,312,127
TOTAL	Aircraft & Airframe Structural Components	12,204,645	12,344,805	10,559,686	11,078,206
Aircraft Components and Accessories					
1610	Aircraft Propellers	25,717	40,639	35,801	20,104
1615	Helicopter Rotor Blades, Drive Mechanisms	446,772	303,272	205,447	241,303
1620	Aircraft Landing Gear Components	91,641	87,872	109,111	79,930
1630	Aircraft Wheel and Brake Systems	63,884	112,487	108,040	79,149
1650	Acft Hydraulic, Vacuum & De-icing Sys Comp	106,683	138,334	173,695	145,847
1660	Aircraft AC, Heating and Pressurizing Eq	83,670	59,521	85,815	62,473
1670	Parachutes and Cargo Tie Down Equipment	100,577	63,144	53,663	58,387
1680	Msl Aircraft Accessories and Components	1,174,379	1,713,647	1,996,568	1,911,149
TOTAL	Aircraft Components and Accessories	2,093,323	2,518,911	2,768,140	2,598,342
Acft Launching, Ldg, & Gnd Handling Equip					
1710	Aircraft Landing Equipment	16,862	17,865	26,727	53,512
1720	Aircraft Launching Equipment	21,156	13,601	47,857	21,163
1730	Aircraft Ground Servicing Equipment	119,206	102,781	106,004	190,649
1740	Airfield Specialized Trucks and Trailers	5,068	32,367	59,802	27,181
TOTAL	Acft Launching, Ldg, & Gnd Handling Equip	162,292	166,614	240,390	292,505
Space Vehicles					
1810	Space Vehicles	187,042	130,480	286,947	265,367
1820	Space Vehicle Components	351,058	257,186	635,011	387,631
1830	Space Vehicle Remote Control Systems	91,695	48,388	16,377	65,207
1840	Space Vehicle Launchers	36,511	368,067	320,660	210,891
1850	Space Vehicle Handling & Servicing Equip	0	33	247	47
1860	Space Survival Equipment	0	0	0	173-
TOTAL	Space Vehicles	666,304	804,154	1,259,242	928,970
Ships, Sm1 Cft, Pontoons & Floating Docks					
1900	Frigates and Corvettes	14,137-	1,002	13,453	27,611
1901	Aircraft Carriers	51,034	132,350	73,635	3,860,154
1902	Cruisers	33,074	26,477	53,672	1,130,553
1903	Destroyers	1,618,525	1,430,474	173,677	83,208
1904	Submarines	1,842,922	1,591,859	2,493,153	1,918,232

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Ships, Sml Cft, Pontoons & Floating Docks (CONT)					
1905	Combat Ships and Landing Vessels	1,161	2,795	52,836	31,565
1906	Minelayers and Minesweepers	242,009	358,826	355,235	39,023
1907	Landing Craft	217,181	201,233	64,032	49,197
1908	Torpedo Boats and Gun Boats	105,487	98,353	372-	807
1909	Hydrofoils	0	0	0	355
1910	Transport Vessels, Passenger and Troop	336	143	269	0
1911	Amphibious Assault Ships	201,328	256,654	520,798	791,258
1915	Cargo and Tanker Vessels	183,711	371,975	1,005,725	264,871
1920	Fishing Vessels	5,422	53	1,237	57
1921	Tugs and Towboats	3,652	15,376	12,950	38,118
1924	Repair Ships	0	252	3,985	3,183
1925	Special Service Vessels	167,935	111,591	1,133	878
1928	Salvage Vessels	1,873	339	915	2,015
1929	Rescue Vessels	0	0	0	58
1930	Barges and Lighters, Cargo	472	759	4,576	1,313
1935	Barges and Lighters, Special Purpose	69	15,533	12,710	10,290
1940	Small Craft	38,930	46,991	30,318	40,753
1945	Pontoons and Floating Docks	2,375	13,054	1,913	17,774
1950	Floating Drydocks	167	188	2,107	0
1955	Dredges	85	94	2,012	0
1990	Miscellaneous Vessels	17,476	90,191	145,320	112,392
TOTAL	Ships, Sml Cft, Pontoons & Floating Docks	4,721,083	4,766,562	5,115,289	8,423,665
Ship and Marine Equipment					
2010	Ship and Boat Propulsion Equipment	81,813	96,804	187,763	232,667
2020	Rigging and Rigging Gear	246	900	367	964
2030	Deck Machinery	1,275	15,077	9,200	4,418
2040	Marine Hardware and Hull Items	18,834	30,701	19,786	31,161
2050	Buoys	4,135	1,550	5,439	2,328
2090	Miscellaneous Ship and Marine Equipment	78,218	79,466	146,341	291,087
TOTAL	Ship and Marine Equipment	184,521	224,498	368,896	562,625
Railway Equipment					
2210	Locomotives	268	329	333	3,000
2220	Roll Cars	3,699	0	0	0
2230	Right-of-way Const and Maint Eq, Railroad	61-	1,455	69-	186
2240	Locomotive & Roll Car Accessories & Comps	273	45	2,717	897
2250	Track Material, Railroad	81	451	354	489
TOTAL	Railway Equipment	4,260	2,280	3,335	4,572
Gnd Effect Veh, Motor Veh, Trailers & Cys					
2305	Ground Effect Vehicles	37,105	1,489	957	10,872
2310	Passenger Motor Vehicles	8,197	7,383	8,827	5,105
2320	Trucks and Truck Tractors, Wheeled	1,137,427	686,527	869,371	1,067,767
2330	Trailers	123,667	154,040	97,678	105,711
2340	Motorcycles, Motor Scooters and Bicycles	1,342	1,603	2,763	1,183
2350	Combat Assault & Tactical Veh, Tracked	2,373,800	926,978	775,840	1,375,648
TOTAL	Gnd Effect Veh, Motor Veh, Trailers & Cys	3,681,538	1,778,020	1,755,436	2,566,286
Tractors					
2410	Tractor, Full Tracked, Low Speed	8,613	11,634	32,208	18,273
2420	Tractors, Wheeled	4,993	8,767	46,708	36,549
2430	Tractors, Full Tracked, High Speed	385	372	126	209
TOTAL	Tractors	13,991	20,773	79,042	55,031
Vehicular Equipment Components					
2510	Vehicular Cab, Body, Frame Structural Comp	47,291	31,987	25,151	22,391
2520	Vehicular Power Transmission Components	380,103	364,435	341,977	312,527
2530	Vehicular Brake, Steering, Axle Wheel Comp	338,418	255,12	201,724	159,420
2540	Vehicular Furniture and Accessories	42,546	40,393	79,957	46,931



# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Vehicular Equipment Components (CONT)					
2590	Miscellaneous Vehicular Components	65,126	78,439	53,502	113,505
TOTAL	Vehicular Equipment Components	873,484	770,316	702,311	654,774
Tires and Tubes					
2610	Tires & Tubes, Pneumatic, Except Aircraft	77,531	77,054	48,097	46,143
2620	Tires and Tubes, Pneumatic, Aircraft	45,289	56,558	40,962	32,306
2630	Tires, Solid and Cushion	152	157	166	126
2640	Tire Rebuilding & Tire & Tube Repair Mats	1,726	2,315	1,782	1,223
TOTAL	Tires and Tubes	124,698	136,084	91,007	79,798
Engines, Turbines, and Components					
2805	Gas Reciprocating Eng, Except Acft, Comps	3,903	3,586	5,060	42,357
2810	Gas Reciprocating Eng, Aircraft & Comps	2,430	2,190	200	4,282
2815	Diesel Engines and Components	264,583	141,657	157,790	109,295
2820	Steam Engines, Reciprocating & Components	0	0	0	79
2825	Steam Turbines and Components	6,180	5,477	23,205	9,886
2830	Water Turbines & Water Wheels & Comps	1,119	3,441	444	7,225
2835	Gas Turbines and Jet Eng, Ex Acft & Comps	379,164	542,771	311,809	479,965
2840	Gas Turbines and Jet Engines, Acft & Comps	3,319,175	4,114,961	4,148,700	4,168,349
2845	Rocket Engines and Components	3,327	1,422	2,929	5,295
2850	Gasoline Rotary Engines & Components	4,359	43,755	44,134	40,737
2895	Miscellaneous Engines and Components	140,722	102,943	134,361	141,692
TOTAL	Engines, Turbines, and Components	4,124,962	4,962,203	4,828,632	5,009,162
Engine Accessories					
2910	Engine Fuel Sys Components, Nonaircraft	37,238	27,739	29,107	40,819
2915	Engine Fuel System Components, Aircraft	123,138	225,702	214,161	206,062
2920	Engine Electrical Sys Comps, Nonaircraft	44,600	46,913	32,291	47,035
2925	Engine Electrical Sys Comps, Aircraft	18,011	31,061	38,372	39,213
2930	Engine Cooling Sys Comps, Nonaircraft	13,352	10,676	15,856	8,243
2935	Engine Cooling Sys Components, Aircraft	4,700	6,037	4,657	10,069
2940	Eng Filters, Strainers & Cleaners, Nonacft	20,487	17,555	4,564	4,245
2945	Engine Air & Oil Filters - Aircraft	3,298	3,113	5,164	3,720
2950	Turbosuperchargers	842	3,343	2,159	5,537
2990	Misc Engine Accessories, Nonaircraft	9,643	8,455	14,455	9,888
2995	Misc Engine Accessories, Aircraft	51,278	46,888	86,725	63,470
TOTAL	Engine Accessories	326,587	427,482	447,511	438,301
Mechanical Power Transmission Equipment					
3010	Torque Converters and Speed Changers	68,543	13,508	10,613	15,088
3020	Gears, Pulleys, Sprockets and Trans Chain	51,911	37,590	37,270	27,865
3030	Belting, Drive Belts, Fan Belts & Accys	431	323	437	379
3040	Miscellaneous Power Transmission Equip	60,956	42,390	37,789	40,094
TOTAL	Mechanical Power Transmission Equipment	181,841	93,811	86,109	83,426
Bearings					
3110	Bearings, Antifriction, Unmounted	62,840	58,801	59,350	65,689
3120	Bearings, Plain, Unmounted	27,565	23,528	23,791	19,927
3130	Bearings, Mounted	2,392	1,205	5,235	5,163
TOTAL	Bearings	92,797	83,534	88,376	90,779
Woodworking Machinery and Equipment					
3210	Sawmill and Planing Mill Machinery	0	30	346	230
3220	Woodworking Machines	563	1,299	3,208	1,074
TOTAL	Woodworking Machinery and Equipment	563	1,329	3,554	1,304

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Metalworking Machinery					
3405	Saws and Filing Machines	1,141	3,671	1,831	4,087
3408	Machining Centers & Way-type Machines	65,451	17,548	5,264	16,333
3410	Electrical & Ultrasonic Erosion Machines	445	538	2,303	1,187
3411	Boring Machines	1,615	4,035	28,676	323
3412	Broaching Machines	2,055	38	117	117
3413	Drilling and Tapping Machines	1,036	2,546	2,271	9,969
3414	Gear Cutting and Finishing Machines	478	432	939	1,307
3415	Grinding Machines	8,232	6,916	16,776	18,149
3416	Lathes	10,222	17,512	17,275	17,052
3417	Milling Machines	6,751	4,674	9,739	13,575
3418	Planers and Shapers	207	0	425	2,509
3419	Miscellaneous Machine Tools	6,820	3,671	3,777	6,109
3422	Rolling Mills and Drawing Machines	50	88	102	173
3424	Metal Heat Treating & Non-thermal Equip	1,646	1,100	9,603	3,628
3426	Metal Finishing Equipment	4,170	794	2,276	5,173
3431	Electric Arc Welding Equipment	8,853	11,241	2,369	3,902
3432	Electric Resistance Welding Equipment	185	304	28	379
3433	Gas Welding, Heat Cutting, & Metalizing Eq	827	1,315	3,355	3,389
3436	Welding Positioners and Manipulators	277	0	876	86
3438	Miscellaneous Welding Equipment	797	487	752	2,367
3439	Misc Welding, Soldering & Brazing Supply	2,693	4,808	2,797	4,087
3441	Bending and Forming Machines	2,557	5,382	9,246	4,590
3442	Hydraulic and Pneumatic Presses, Power Dr	771	431	507	4,718
3443	Mechanical Presses, Power Driven	940	709	3,107	3,345
3444	Manual Presses	183	342	132	392
3445	Punching and Shearing Machines	1,765	4,114	8,282	7,920
3446	Forging Machinery and Hammers	2,298	198	553	924
3447	Wire and Metal Ribbon Forming Machines	0	0	40	200
3448	Riveting Machines	57	101	387	314
3449	Misc Secondary Metal Forming & Cutting Mach	1,293	61	404	1,038
3450	Machine Tools, Portable	718	1,118	1,657	959
3455	Cutting Tools for Machine Tools	1,281	948	862	1,681
3456	Cutting Tools for Secondary Metal Mach	0	984	142	0
3460	Machine Tool Accessories	571	4,636	1,145	2,036
3461	Accessories for Secondary Metal Machinery	0	94	28	231
3465	Production Jigs, Fixtures and Templates	59	334	234	33
3470	Machine Shop Sets, Kits, and Outfits	166	116	1,199	39
TOTAL	Metalworking Machinery	136,610	101,286	139,476	131,975
Service and Trade Equipment					
3510	Laundry and Dry Cleaning Equipment	5,361	7,591	5,078	25,810
3520	Shoe Repairing Equipment	111	0	381	0
3530	Indust Sewing Mach & Mobile Tex Repr Shops	2,401	765	102	623
3540	Wrapping and Packaging Machinery	3,503	953	1,156	1,455
3550	Vending and Coin Operated Machines	0	0	58	188
3590	Misc Service and Trade Equipment	6,095	4,068	4,394	5,611
TOTAL	Service and Trade Equipment	17,471	13,377	11,169	33,687
Special Industry Machinery					
3605	Food Products Machinery and Equipment	408	319	635	214
3610	Printing, Duplicating & Bookbinding Equip	55,924	36,370	29,282	39,490
3611	Industrial Marking Machines	282	621	641	468
3615	Pulp and Paper Industries Machinery	1,936	1,439	4,036	2,139
3620	Rubber & Plastic Working Machinery	2,272	1,292	239	491
3625	Textile Industries Machinery	146	421	313	0
3630	Clay & Concrete Products Industries Mach	0	0	70	0
3635	Crystal & Glass Industries Machinery	798	148	25	254
3640	Tobacco Manufacturing Machinery	112	45	0	0
3645	Leather Tanning and Working Machinery	0	101	35	0
3650	Chemical and Pharmaceutical Machinery	974	311	173	456
3655	Gas Generating and Dispensing Systems	17,130	11,713	15,051	25,232
3660	Industrial Size Reduction Machinery	1,101	330	929	375
3670	Specialized Circuit Board Manufacturing Mach	243	3,183	3,891	2,134
3680	Foundry Machinery, Related Equip & Sup	995	422	2,441	13,098
3685	Specialized Metal Container Mfg Mach & Eq	332	27	1,282	335
3690	Specialized Ammunition and Ordnance Mach	157	1,668	4,508	23,592
3693	Industrial Assembly Machines	98	85	518	2,303
3694	Clean Work Stations, Controlled Environ Eq	799	331	144	320
3695	Miscellaneous Special Industry Machinery	15,295	6,271	10,025	9,070
TOTAL	Special Industry Machinery	99,002	65,097	74,238	119,971

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Agricultural Machinery and Equipment					
3710	Soil Preparation Equipment	121	113	82	193
3720	Harvesting Equipment	71	116	195	28
3730	Dairy, Poultry, and Livestock Equipment	0	235	0	205
3740	Pest, Disease, and Frost Control Equipment	2,266	307	217	451
3750	Gardening Implements and Tools	3,802	1,969	3,414	1,991
3770	Saddlery, Harness, Whips and Furnishings	314	297	41	235
TOTAL	Agricultural Machinery and Equipment	6,574	3,037	3,949	3,103
Const, Mining, Excavating & Hwy Maint Eq					
3805	Earth Moving and Excavating Equipment	16,540	39,828	42,009	57,001
3810	Cranes and Crane-shovels	10,046	29,163	47,539	74,545
3815	Crane and Crane-shovel Attachments	921	1,055	1,590	695
3820	Mining, Rock Drilling, Earth Boring Equip	7,482	12,286	1,321	4,838
3825	Road Clearing and Cleaning Equipment	35,659	11,440	35,430	27,546
3930	Truck and Tractor Attachments	875	713	1,159	1,056
3835	Petroleum Production & Distribution Equip	107	13,789	62,577	7,490
3895	Miscellaneous Construction Equipment	12,325	12,277	10,679	25,744
TOTAL	Const, Mining, Excavating & Hwy Maint Eq	83,955	120,551	202,304	198,915
Materials Handling Equipment					
3910	Conveyors	7,575	6,435	11,153	14,154
3915	Materials Feeders	306	741	349	469
3920	Mat Handling Equip, Nonself-propelled	1,496	4,454	3,847	4,660
3930	Warehouse Trks & Tractors, Self-propelled	174,329	127,920	127,068	196,929
3940	Blocks Tackle Rigging and Slings	4,961	3,046	2,314	5,891
3950	Winches, Hoists, Cranes and Derricks	50,386	39,091	41,906	71,931
3960	Elevators and Escalators	69	368	216	205
3990	Miscellaneous Materials Handling Equip	81,603	77,076	75,841	158,229
TOTAL	Materials Handling Equipment	320,725	259,131	262,694	452,468
Rope, Cable, Chain and Fittings					
4010	Chain and Wire Rope	14,737	12,594	19,555	12,679
4020	Fiber Rope Cordage and Twine	12,132	7,619	3,543	8,544
4030	Fittings for Rope, Cable and Chain	6,391	1,804	3,362	3,799
TOTAL	Rope, Cable, Chain and Fittings	33,260	22,017	26,460	25,022
Refrigeration, AC & Air Circulating Equip					
4110	Refrigeration Equip	24,246	19,753	21,037	24,099
4120	Air Conditioning Equip	50,359	36,555	41,308	30,195
4130	Refrigeration and Air Conditioning Comps	13,593	14,650	7,658	13,348
4140	Fans, Air Circulators & Blower Equip	27,423	12,944	17,943	17,223
TOTAL	Refrigeration, AC & Air Circulating Equip	115,621	83,902	87,946	84,865
Fire Fighting, Rescue & Safety Equipment					
4210	Fire Fighting Equipment	106,501	96,931	75,149	76,181
4220	Marine Lifesaving and Diving Equipment	20,135	17,612	22,975	14,131
4230	Decontaminating and Impregnating Equip	21,726	12,431	19,928	39,312
4240	Safety and Rescue Equipment	188,558	114,243	111,720	116,296
TOTAL	Fire Fighting, Rescue & Safety Equipment	336,920	241,217	229,772	245,920
Pumps and Compressors					
4310	Compressors and Vacuum Pumps	36,351	26,688	40,985	36,159
4320	Power and Hand Pumps	71,394	80,567	77,233	88,176
4330	Centrifugals, Separators, and Filters	19,438	13,306	10,821	15,634
TOTAL	Pumps and Compressors	127,183	120,561	129,039	139,969

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Furnace, Steam Plant, Drying Equip & Nucl				
4410	Industrial Boilers	2,711	4,053	10,583	17,693
4420	Heat Exchangers and Steam Condensers	4,702	2,437	5,724	6,966
4430	Industrial Furnaces, Kilns, Lehrs & Ovens	1,811	5,495	5,738	6,343
4440	Driers, Dehydrators and Anhydrators	3,252	4,087	2,466	2,564
4460	Air Purification Equipment	13,672	2,375	2,130	20,865
4470	Nuclear Reactors	380,421	675,627	609,404	1,436,430
TOTAL	Furnace, Steam Plant, Drying Equip & Nucl	406,569	694,074	636,045	1,490,861
	Plumbing, Heating & Sanitation Equipment				
4510	Plumbing Fixtures and Accessories	5,386	7,008	3,361	11,285
4520	Space Heating Eq & Domestic Water Heaters	8,683	5,556	17,090	25,110
4530	Fuel Burning Equipment Units	2,009	1,522	2,106	1,036
4540	Misc Plumbing, Heating & Sanitation Equip	7,817	2,699	2,840	6,263
TOTAL	Plumbing, Heating & Sanitation Equipment	23,895	16,785	25,397	43,694
	Water Purification & Sewage Treatment Eq				
4610	Water Purification Equipment	36,139	25,761	5,734	24,824
4620	Water Distillation Equip Marine & Indust	247	2,410	944	1,706
4630	Sewage Treatment Equipment	1,798	922	1,407	1,482
TOTAL	Water Purification & Sewage Treatment Eq	38,184	29,093	8,085	28,012
	Pipe, Tubing, Hose & Fittings				
4710	Pipe and Tube	27,175	21,182	25,140	26,168
4720	Hose and Tubing, Flexible	26,351	15,093	16,747	22,633
4730	Fittings & Specialties; Hose, Pipe & Tube	38,245	28,418	37,723	33,008
TOTAL	Pipe, Tubing, Hose & Fittings	91,771	64,693	79,610	81,809
	Valves				
4810	Valves, Powered	49,267	45,081	52,124	40,016
4820	Valves, Nonpowered	71,886	65,763	83,359	81,149
TOTAL	Valves	121,153	110,844	135,483	121,165
	Maintenance & Repair Shop Equipment				
4910	Motor Veh Maint & Repr Shop Specilized Eq	17,269	34,305	37,835	24,621
4920	Acft Maint & Repair Shop Specilized Equip	278,993	283,599	607,153	469,124
4921	Torpedo Maint, Repair & Checkout Spec Eq	233	750	1,783	3,306
4923	Depth Charges, Mines Maint & Repair Equip	0	296	39	392
4925	Ammunition Maint, Repr & Checkout Spec Eq	5,576	2,350	4,844	2,965
4927	Rocket Maint, Repair & Checkout Spec Equip	986	189	4,266	4,108
4930	Lubrication & Fuel Dispensing Equipment	16,143	21,654	20,987	20,799
4931	Fire Control Maint & Repair Shop Spec Eq	11,269	27,599	4,949	29,421
4933	Weapons Maint, Repair & Checkout Spec Eq	9,715	4,783	16,728	21,307
4935	Guided Missile Maint, Repair Specilized Eq	33,382	68,860	82,335	64,653
4940	Miscellaneous Maint, Repair Specilized Eq	30,960	91,412	31,387	52,938
4960	Space Vehicle Maint, Repair Specilized Eq	0	0	0	46
TOTAL	Maintenance & Repair Shop Equipment	402,554	535,797	812,306	693,680
	Hand Tools				
5110	Hand Tools, Edged, Nonpowered	1,467	247	68	196
5120	Hand Tools, Nonedged, Nonpowered	5,216	6,052	4,509	5,652
5130	Hand Tools, Power Driven	3,077	4,410	3,007	2,170
5133	Drill Bits, Counterbores, and Countersinks	144	149	41	87
5136	Taps, Dies, and Collets: Hand and Machine	291	142	99	0
5140	Tool and Hardware Boxes	331	44	448	1,609
5180	Sets, Kits and Outfits of Hand Tools	9,472	8,092	8,154	10,650
TOTAL	Hand Tools	19,998	19,136	16,326	20,364

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Measuring Tools					
5210	Measuring Tools, Craftsmen's	631	1,232	1,066	1,394
5220	Inspection Gauges & Precision Layout Tools	1,519	4,379	2,558	7,172
5280	Sets, Kits and Outfits of Measuring Tools	127	2,011	505	372
TOTAL	Measuring Tools	2,277	7,622	4,129	8,938
Hardware and Abrasives					
5305	Screws	6,459	3,530	7,446	7,262
5306	Bolts	10,155	8,168	6,367	6,652
5307	Studs	638	715	1,988	1,048
5310	Nuts and Washers	10,295	9,899	14,575	14,397
5315	Nails, Keys and Pins	5,193	1,648	7,530	7,349
5320	Rivets	4,633	3,356	5,279	5,368
5325	Fastening Devices	1,736	1,550	1,192	2,910
5330	Packing and Gasket Materials	24,261	20,694	24,765	29,083
5335	Metal Screening	2,054	67	128	368
5340	Miscellaneous Hardware	12,568	37,215	41,738	35,415
5345	Disks and Stones, Abrasive	0	442	1,378	585
5350	Abrasive Materials	3,135	3,760	2,847	2,555
5355	Knobs and Pointers	498	267	337	558
5360	Coil, flat and Wire Springs	1,787	607	1,449	1,976
5365	Rings, Shims and Spacers	6,477	4,779	5,986	8,470
TOTAL	Hardware and Abrasives	64,753	96,697	123,005	123,996
Prefabricated Structures & Scaffolding					
5410	Prefabricated and Portable Buildings	62,835	30,311	32,075	52,215
5411	Rigid Wall Shelters	28,809	27,855	50,548	84,044
5420	Bridges, Fixed and Floating	5,570	7,004	2,837	1,569
5430	Storage Tanks	18,716	13,643	20,840	33,042
5440	Scaffolding Equipment and Concrete Forms	2,279	3,831	1,491	2,586
5445	Prefabricated Tower Structures	383	1,765	176	1,435
5450	Miscellaneous Prefabricated Structures	22,592	11,870	6,499	14,565
TOTAL	Prefabricated Structures & Scaffolding	141,184	96,279	114,466	189,456
Lumber, Millwork, Plywood & Veneer					
5510	Lumber and Related Basic Wood Materials	13,573	23,814	14,270	17,196
5520	Millwork	160	246	322	235
5530	Plywood and Veneer	7,181	4,749	8,637	6,137
TOTAL	Lumber, Millwork, Plywood & Veneer	20,914	28,809	23,229	23,568
Construction & Building Materials					
5610	Mineral Construction Materials, Bulk	16,719	14,124	9,250	15,312
5620	Building Glass, Tile, Brick and Block	177	758	5,867	4,092
5630	Pipe and Conduit, Nonmetallic	106	280	239	374
5640	Wallboard Bldg & Thermal Insulation Mat	2,660	1,351	1,616	2,285
5650	Roofing and Siding Materials	904	367	213	1,986
5660	Fencing, Fences and Gates	32,518	7,183	15,869	5,816
5670	Building Components, Prefabricated	7,066	1,649	1,161	2,779
5680	Miscellaneous Construction Materials	45,760	24,066	29,815	40,901
TOTAL	Construction & Building Materials	105,910	49,778	64,030	73,545
Communication, Detection, & Coherent Radiation Eq					
5805	Telephone and Telegraph Equipment	196,241	202,339	155,568	176,614
5810	Communications Security Equip and Comps	314,383	553,435	164,415	111,360
5811	Other Cryptologic Equipment & Components	17,812	6,491	35,271	17,864
5815	Teletype and Facsimile Equipment	53,162	36,647	54,156	45,868
5820	Radio & TV Comm Equipment, Except Airborne	450,253	447,717	729,533	784,676
5821	Radio and TV Comm Equipment, Airborne	220,991	205,315	146,945	124,251
5825	Radio Navigation Equip, Except Airborne	113,566	219,956	107,103	96,859
5826	Radio Navigation Equipment, Airborne	116,651	112,149	158,140	136,958
5830	Intercomm Public Address Sys, Ex Airborne	23,940	30,466	35,011	22,993

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Communication, Detection, & Coherent Radiation Eq (CONT)					
5831	Intercomm Public Address Sys, Airborne	16-	5,207	2,545	8,364
5835	Sound Recording & Reproducing Equipment	21,554	61,335	50,166	57,733
5836	Video Recording and Reproducing Equipment	21,730	10,687	16,142	23,304
5840	Radar Equipment, Except Airborne	544,329	793,341	566,250	436,826
5841	Radar Equipment, Airborne	725,262	1,388,396	1,047,900	1,147,187
5845	Underwater Sound Equipment	1,104,137	1,566,872	993,839	1,049,072
5850	Visible & Invisible Light Comm Equipment	2,158	2,342	3,307	287
5855	Night Vision Equipment	430,051	316,207	45,785	406,790
5860	Stimulated Coherent Radiation Devices	16,020	7,905	10,399	6,312
5865	Elct Countermeasures & Quick Reaction Eq	961,107	1,204,509	1,992,383	1,525,677
5895	Miscellaneous Communication Equipment	1,011,796	2,113,344	3,541,299	1,561,166
TOTAL	Communication, Detection, & Coherent Radiation Eq	6,345,127	9,284,660	10,246,164	7,790,161
Electrical & Electronic Equip Components					
5905	Resistors	4,768	5,207	7,284	9,198
5910	Capacitors	1,985	2,408	3,278	2,155
5915	Filters and Networks	12,323	19,145	13,422	11,165
5920	Fuses, Arrestors, Absorbers, & Protectors	1,351	18,315	2,767	8,140
5925	Circuit Breakers	18,168	13,717	8,219	9,913
5930	Switches	60,153	41,672	40,655	40,223
5935	Connectors Electrical	22,455	24,622	23,984	34,058
5940	Lugs Terminals and Terminal Strips	5,462	3,000	5,833	5,694
5945	Relays and Solenoids	24,593	26,473	20,213	24,631
5950	Coils and Transformers	12,627	10,802	10,484	12,138
5955	Piezoelectric Crystals	8,954	3,659	6,770	5,815
5960	Electron Tubes & Assoc Hardware	264,442	159,862	132,644	150,792
5961	Semiconductor Devices & Assoc Hardware	5,281	5,052	12,864	21,475
5962	Microcircuits - Electronic	22,926	35,013	42,783	46,871
5963	Electronic Modules	279,488	252,233	323,163	410,373
5965	Headsets, Handsets, Microphones & Speakers	9,938	14,327	24,435	25,062
5970	Elec Insulators and Insulating Material	2,933	3,252	3,000	3,688
5975	Electrical Hardware and Supplies	25,607	14,097	10,936	19,220
5977	Electrical Contact Brushes & Electrodes	2,328	2,976	2,215	1,587
5980	Optoelectronic Devices & Assoc Hardware	2,647	6,171	2,331	2,693
5985	Antennas, Waveguides & Related Equipment	286,524	191,035	145,357	166,725
5990	Synchros and Resolvers	4,528	9,946	7,543	12,490
5995	Cable, Cord, Wire Assemblies, Comm Equip	53,795	44,970	48,065	115,876
5998	Electrical & Elct Assys, Boards, Cards	163,369	60,860	51,183	0
5999	Msc Electrical and Electronic Components	1,133,721	328,126	411,130	442,674
TOTAL	Electrical & Electronic Equip Components	2,430,366	1,296,940	1,360,558	1,582,656
Fiber Optics Mats, Components, Assemblies, & Accys					
6004	Rotary Joints	201	0	0	0
6008	Optical Multiplexers/Demultiplexers	143	99	0	0
6010	Fiber Optic Conductors	161	50	228	8,008
6015	Fiber Optic Cables	70,391	17,586	25,943	4,727
6020	Fiber Optic Cable Assemblies and Harnesses	315	975	1,185	564
6021	Fiber Optic Switches	43	0	0	0
6025	Fiber Optic Transmitters	305	0	0	0
6030	Fiber Optic Devices	3,931	4,411	4,565	1,997
6032	Fiber Optic Light Sources	56	0	0	0
6035	Fiber Optic Light Transfer and Image Transfer Dev	322	80	0	0
6050	Fiber Optic Passive Devices	116	0	0	0
6060	Fiber Optic Interconnectors and Supplies	437	145	337	76
6070	Fiber Optic Accessories and Supplies	1,194	860	4,391	1,086
6080	Fiber Optic Kits & Sets	151	408	4,765	175
6099	Miscellaneous Fiber Optic Components	2,770	186	0	0
TOTAL	Fiber Optics Mats, Components, Assemblies, & Accys	80,536	24,800	41,414	16,633
Electric Wire & Power Distribution Equip					
6105	Motors, Electrical	30,065	29,096	43,017	38,176
6110	Electrical Control Equipment	45,790	31,538	47,742	65,467
6115	Generators and Generator Sets, Electrical	157,934	151,297	128,561	277,868
6116	Fuel Cell Power Units and Comps	611	475	561	1,567
6117	Solar Electric Power Systems	133	1,266	0	0
6120	Transformers, Distribution & Power Station	3,078	8,359	6,915	5,263

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Electric Wire & Power Distribution Equip (CONT)					
6125	Converters, Electrical, Rotating	8,718	4,047	10,021	14,772
6130	Converters, Electrical, Nonrotating	144,480	113,417	75,052	89,811
6135	Batteries, Nonrechargeable	77,377	165,741	70,129	93,762
6140	Batteries, Rechargeable	65,028	58,758	47,786	40,110
6145	Wire and Cable, Electrical	40,062	44,986	50,798	48,362
6150	Misc Electric Power & Distribution Eq	46,566	59,044	76,890	84,392
6160	Miscellaneous Battery Retaining Fixtures & Liners	329	0	0	0
TOTAL	Electric Wire & Power Distribution Equip	620,171	658,024	557,472	759,550
Lighting Fixtures and Lamps					
6210	Electric Lighting Fixtures-indoor, Outdoor	10,574	8,302	7,625	18,590
6220	Electric Vehicular Lights and Fixtures	17,622	21,680	16,955	14,546
6230	Electric Portable & Hand Lighting Equip	12,645	14,381	12,857	33,287
6240	Electric Lamps	8,709	7,303	4,836	8,599
6250	Ballasts, Lampholders and Starters	834	723	1,786	1,659
6260	Nonelectrical Lighting Fixtures	14,230	10,407	9,808	11,623
TOTAL	Lighting Fixtures and Lamps	64,614	62,796	53,867	88,304
Alarm, Signal, & Security Detection Systems					
6310	Traffic and Transit Signal Systems	338	406	38-	648
6320	Shipboard Alarm and Signal Systems	4,995	823	2,444	3,083
6330	Railroad Signal and Warning Devices	0	0	0	80
6340	Aircraft Alarm and Signal Systems	6,620	14,919	9,245	8,801
6350	Misc Alarm, Signal and Security Systems	38,480	32,576	16,246	74,166
TOTAL	Alarm, Signal, & Security Detection Systems	50,433	48,724	27,897	86,778
Medical, Dental, & Veterinary Eq & Sup					
6505	Drugs, Biologicals	458,782	260,068	236,055	267,344
6508	Medicated Cosmetics and Toiletries	1,152	488	28	0
6510	Surgical Dressing Materials	34,634	24,580	27,292	20,553
6515	Medical & Surgical Instruments, Equip & Supplies	119,491	91,472	101,078	98,845
6520	Dental Instruments, Equip and Supplies	9,040	7,428	9,134	8,302
6525	X-ray Equip & Sup; Medical, Dental & Vet	65,341	56,429	25,629	51,448
6530	Hospital Furniture, Equip, Utensils & Sup	78,818	64,058	37,532	34,276
6532	Hospital & Surgical Clothing	4,246	4,189	5,936	7,879
6540	Ophthalmic Instruments, Equip & Supplies	14,083	6,506	6,522	22,679
6545	Medical Sets, Kits and Outfits	16,934	18,554	14,313	7,557
6550	In Vitro Diagnostic Substances, Reagents	15,170	13,442	12,606	13,899
TOTAL	Medical, Dental, & Veterinary Eq & Sup	817,691	547,214	476,125	532,782
Instruments and Laboratory Equipment					
6605	Navigational Instruments	264,122	228,214	107,391	227,313
6610	Flight Instruments	81,869	27,325	85,587	42,144
6615	Automatic Pilot Mechanisms Airborne Gyro	77,919	40,177	87,359	99,236
6620	Engine Instruments	28,012	37,461	29,621	38,332
6625	Electrical & Elct Meas & Test Instruments	523,877	413,345	494,157	503,765
6630	Chemical Analysis Instruments	34,949	21,286	15,045	19,798
6635	Physical Properties Testing Equipment	27,010	31,821	22,774	33,590
6636	Environmental Chambers and Related Equip	11,385	3,901	8,341	22,005
6640	Laboratory Equipment and Supplies	30,185	43,188	28,287	44,542
6645	Time Measuring Instruments	15,599	10,839	4,201	10,495
6650	Optical Instruments, Test Equip, Comps & Accys	28,907	39,348	36,389	70,523
6655	Geophysical Instruments	1,846	1,404	433	2,788
6660	Meteorological Instruments and Apparatus	27,612	22,362	13,483	23,744
6665	Hazard-detecting Instruments & Apparatus	90,095	63,324	70,472	43,951
6670	Scales and Balances	7,191	1,969	3,094	3,112
6675	Drafting, Surveying & Mapping Instruments	12,221	6,064	45,119	30,949
6680	Flow, Level, Motion Measuring Instruments	20,451	26,370	30,439	53,898
6685	Pressure, Temperature & Humidity Insts	41,591	38,123	58,340	55,024
6695	Combination & Miscellaneous Instruments	24,571	27,838	36,938	48,833
TOTAL	Instruments and Laboratory Equipment	1,349,412	1,084,379	1,177,470	1,374,042

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Photographic Equipment					
6710	Cameras, Motion Picture	17,671	6,507	2,229	5,165
6720	Cameras, Still Picture	3,368	2,106	10,098	5,118
6730	Photographic Projection Equipment	3,443	5,787	7,866	6,478
6740	Photo Developing and Finishing Equip	8,211	8,913	13,123	10,817
6750	Photographic Supplies	20,346	8,966	11,486	12,957
6760	Photographic Equipment and Accessories	9,079	6,987	11,597	13,916
6770	Film, Processed	534	2,037	1,332	894
6780	Photographic Sets, Kits and Outfits	126-	994	2,037	7,861
TOTAL	Photographic Equipment	62,526	42,297	59,768	63,206
Chemicals and Chemical Products					
6810	Chemicals	24,603	25,973	20,011	19,037
6820	Dyes	291	96	1,158	1,533
6830	Gases, Compressed and Liquefied	60,580	24,750	10,584	11,033
6840	Pest Control Agents and Disinfectants	56,647	11,578	5,547	9,086
6850	Miscellaneous Chemical Specialties	43,782	53,360	52,186	30,453
TOTAL	Chemicals and Chemical Products	185,903	115,757	89,486	71,142
Training Aids and Devices					
6910	Training Aids	147,731	106,812	151,780	146,806
6920	Armament Training Devices	78,953	146,611	110,982	113,998
6930	Operational Training Devices	384,448	450,679	247,847	359,048
6940	Communication Training Devices	41,537	71,445	42,568	44,143
TOTAL	Training Aids and Devices	652,669	775,547	553,177	663,995
General Purpose ADP Eq Software Sup & Eq					
7010	ADPE Configuration	783,939	769,831	1,005,329	1,197,347
7020	ADP Central Processing Unit - Analog	33,730	34,506	23,729	18,911
7021	ADP Central Processing Unit - Digital	55,878	158,888	37,888	74,544
7022	ADP Central Processing Unit - Hybrid	10,743	5,239	6,978	13,202
7025	ADP Input/output and Storage Devices	294,026	290,537	273,943	288,360
7030	ADP Software	292,055	195,650	160,981	153,427
7035	ADP Support Equip	247,012	261,692	217,482	230,884
7040	Punched Card Equip	32,353	2,176	3,451	2,871
7042	Mini & Micro Computer Control Devices	30,588	43,154	31,962	68,994
7045	ADP Supplies	66,730	88,734	76,619	118,823
7050	ADP Components	114,031	99,426	136,597	192,675
TOTAL	General Purpose ADP Eq Software Sup & Eq	1,961,085	1,949,833	1,974,959	2,360,038
Furniture					
7105	Household Furniture	74,968	46,128	39,234	50,588
7110	Office Furniture	193,597	128,533	146,207	109,908
7125	Cabinets, Lockers, Bins and Shelving	25,466	25,570	24,381	30,593
7195	Miscellaneous Furniture and Fixtures	24,164	20,228	25,592	19,147
TOTAL	Furniture	318,195	220,459	235,414	210,236
Household & Coml Furnishings & Appliances					
7210	Household Furnishings	63,175	21,521	30,593	30,221
7220	Floor Coverings	14,091	10,125	9,154	11,311
7230	Draperies, Awnings and Shades	7,023	4,900	5,330	6,828
7240	Household and Commercial Util Containers	6,217	2,894	1,562	3,512
7290	Msc Household Coml Furnishings Appliances	2,787	2,434	1,504	1,921
TOTAL	Household & Coml Furnishings & Appliances	93,293	41,874	48,143	53,793
Food Preparation and Serving Equipment					
7310	Food Cooking Baking Serving Equip	14,313	11,195	14,898	16,785
7320	Kitchen Equipment and Appliances	8,671	8,699	8,500	8,433



# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Food Preparation and Serving Equipment (CONT)				
7330	Kitchen Hand Tools and Utensils	3,095	661	3,800	14-
7340	Cutlery and Flatware	12,728	3,235	144	1,493
7350	Tableware	3,704	3,557	3,959	4,410
7360	Sets, Kits, Outfits, & Modules, Food Prep & Serving	28,465	24,008	8,579	21,484
TOTAL	Food Preparation and Serving Equipment	70,976	51,355	39,880	52,591
	Office Machines & Visible Record Equipment				
7420	Accounting and Calculating Machines	490	505	424	3,827
7430	Typewriters & Office Type Composing Mach	1,057	1,063	1,974	1,907
7435	Office Information System Equipment	1,725	2,117	2,313	10,276
7450	Office Type Sound Recording Repro Mach	2,031	1,457	2,372	1,989
7460	Visible Record Equipment	5,220	4,153	5,765	7,428
7490	Miscellaneous Office Machines	3,890	3,414	5,315	6,679
TOTAL	Office Machines & Visible Record Equipment	14,413	12,709	18,163	32,106
	Office Supplies and Devices				
7510	Office Supplies	5,815	4,366	1,927	2,301
7520	Office Devices and Accessories	1,592	238	700	304
7530	Stationery and Record Forms	18,287	26,109	22,534	20,768
7540	Standard Forms	69	357	0	56
TOTAL	Office Supplies and Devices	25,763	31,070	25,161	23,429
	Books, Maps, Other Publications				
7610	Books and Pamphlets	50,380	9,489	14,578	15,323
7630	Newspapers and Periodicals	5,377	4,935	3,666	5,614
7640	Maps, Atlases Charts and Globes	13,432	12,307	7,711	7,497
7650	Drawings and Specifications	1,103	907	3,021	4,886
7660	Sheet and Book Music	34	0	0	0
7670	Microfilm Processed	4,614	3,040	8,383	4,533
7690	Miscellaneous Printed Matter	72,574	102,521	133,510	134,948
TOTAL	Books, Maps, Other Publications	147,514	133,199	170,869	172,801
	Musical Inst, Phonographs, Home Type Radio				
7710	Musical Instruments	611	724	3,219	954
7720	Musical Instrument Parts and Accessories	105	0	182	144
7730	Phonographs, Radios, TV Sets: Home Type	1,511	812	1,116	633
7740	Phonograph Records	1,594	284	0	230
TOTAL	Musical Inst, Phonographs, Home Type Radio	3,821	1,820	4,517	1,961
	Recreational and Athletic Equipment				
7810	Athletic and Sporting Equipment	3,873	3,573	1,049	1,335
7820	Games, Toys and Wheeled Goods	491	373	147	324
7830	Recreational and Gymnastic Equipment	6,811	5,119	2,099	4,255
TOTAL	Recreational and Athletic Equipment	11,175	9,065	3,295	5,914
	Cleaning Equipment and Supplies				
7910	Floor Polishers and Vacuum Cleaners	2,514	1,617	3,548	1,022
7920	Brooms, Brushes, Mops and Sponges	1,906	3,207	2,542	759
7930	Cleaning & Polishing Compounds & Preps	35,530	57,673	40,007	34,141
TOTAL	Cleaning Equipment and Supplies	39,950	62,497	46,097	35,922
	Brushes, Paints, Sealers and Adhesives				
8010	Paints, Dopes, Varnishes & Related Product	6,586	6,130	7,677	4,677
8020	Paint and Artists' Brushes	963	0	43	29

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Brushes, Paints, Sealers and Adhesives (CONT)					
8030	Preservative and Sealing Compounds	196	1,083	1,646	881
8040	Adhesives	938	537	1,102	435
TOTAL	Brushes, Paints, Sealers and Adhesives	8,683	7,750	10,468	6,022
Containers, Packaging & Packing Supplies					
8105	Bags and Sacks	28,907	7,762	9,237	6,961
8110	Drums and Cans	8,557	7,793	3,017	7,029
8115	Boxes, Cartons and Crates	54,814	15,931	18,445	19,998
8120	Commercial & Industrial Gas Cylinders	4,087	2,076	1,743	3,786
8125	Bottles and Jars	0	259	49	145
8130	Reels and Spools	25	548	189	705
8135	Packaging and Packing Bulk Materials	6,047	6,358	6,308	5,630
8140	Ammunition & Nuclear Ordnance Containers	51,516	53,764	107,880	27,957
8145	Specialized Shipping & Storage Containers	95,337	28,663	56,142	93,051
TOTAL	Containers, Packaging & Packing Supplies	249,290	123,154	203,010	165,262
Tex/lthr/furs/apparel/findings/tents/flags					
8305	Textile Fabrics	33,257	27,418	98,214	105,184
8310	Yarn and Thread	215	853	0	41
8315	Notions and Apparel Findings	3,538	2,204	2,069	1,605
8320	Padding and Stuffing Materials	298	39	69	0
8330	Leather	157	337	142	0
8335	Shoe Findings and Soling Materials	45	0	312	265
8340	Tents and Tarpaulins	86,632	33,223	67,497	69,397
8345	Flags and Pennants	8,870	2,631	2,135	3,320
TOTAL	Tex/lthr/furs/apparel/findings/tents/flags	133,012	66,705	170,438	179,812
Clothing, Individual Equipment & Insignia					
8405	Outerwear, Men's	119,150	97,448	151,784	218,183
8410	Outerwear, Women's	16,064	30,284	19,589	34,930
8415	Clothing, Special Purpose	688,870	377,062	280,844	345,712
8420	Underwear and Nightwear, Men's	36,423	21,799	4,293	55,838
8425	Underwear and Nightwear, Women's	1,112	12,154	277	0
8430	Footwear, Men's	145,736	99,850	148,509	159,895
8435	Footwear, Women's	3,843	129	7,331	5,405
8440	Hosiery, Handwear & Clothing Accy, Men's	32,519	16,337	21,907	22,369
8445	Hosiery Handwear & Clothing Accy, Women's	1,776	1,438	1,325	3,467
8450	Children's & Infant's Apparel & Accy	7,927	15,764	17,401	17,086
8455	Badges and Insignia	10,327	8,595	11,737	8,216
8460	Luggage	10,433	3,405	3,538	7,145
8465	Individual Equipment	96,767	6,211	31,573	66,978
8470	Armor, Personal	62,860	38,290	68,957	71,591
8475	Specilized Flight Clothing & Accessories	20,928	44,747	15,028	32,443
TOTAL	Clothing, Individual Equipment & Insignia	1,254,735	773,513	784,093	1,049,258
Toiletries					
8510	Perfumes, Toilet Preparations and Powders	15,960	10,389	10,937	16,591
8520	Toilet Soap, Shaving Prep, Dentifrices	7,754	6,893	4,784	3,921
8530	Personal Toiletry Articles	3,494	4,535	2,764	2,708
8540	Toiletry Paper Products	27,788	22,645	14,955	13,216
TOTAL	Toiletries	54,996	44,462	33,440	36,436
Agricultural Supplies					
8710	Forage and Feed	11,519	11,744	9,577	12,001
8720	Fertilizers	351	566	42	64
8730	Seeds and Nursery Stock	470	413	256	391
TOTAL	Agricultural Supplies	12,340	12,723	9,875	12,456

# TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
Live Animals					
8810	Live Animals Raised for Food	273	247	600	204
8820	Live Animals not Raised for Food	416	631	565	611
TOTAL	Live Animals	689	878	1,165	815
Subsistence					
8905	Meat, Poultry and Fish	481,950	560,742	439,966	480,131
8910	Dairy Foods and Eggs	121,310	151,128	128,031	124,871
8915	Fruits and Vegetables	193,712	146,130	181,948	151,136
8920	Bakery and Cereal Products	195,482	148,600	126,817	135,905
8925	Sugar, Confectionery and Nuts	79,179	56,626	64,232	48,107
8930	Jams, Jellies and Preserves	12,774	12,773	10,902	11,623
8935	Soups and Bouillons	21,703	7,062	11,303	8,062
8940	Special Dietary Foods & Specialty Prep	520,874	204,609	138,196	148,709
8945	Food, Oils and Fats	22,422	16,627	16,204	12,745
8950	Condiments and Related Products	34,575	38,886	32,578	39,489
8955	Coffee, Tea and Cocoa	34,930	24,263	32,289	26,118
8960	Beverages, Nonalcoholic	42,580	40,500	33,237	20,281
8970	Composite Food Packages	375,065	167,792	69,236	61,976
8975	Tobacco Products	99,659	98,835	102,429	94,631
8999	Food Items for Resale	134,024	144,623	75,271	92,939
TOTAL	Subsistence	2,370,239	1,819,196	1,462,639	1,456,723
Fuels, Lubricants, Oils and Waxes					
9110	Fuels, Solid	38,923	34,949	57,976	76,065
9130	Liquid Propellants & Fuel, Petroleum Base	4,673,498	3,818,132	3,595,203	3,522,114
9135	Liquid Propellant Fuels, Chemical Base	68,302	93,163	42,957	42,133
9140	Fuel Oils	1,049,356	1,129,843	794,934	834,216
9150	Oils & Greases: Cutting, Lubr & Hydraulic	171,786	79,719	57,919	67,497
9160	Miscellaneous Waxes, Oils and Fats	229	7,785	401	606
TOTAL	Fuels, Lubricants, Oils and Waxes	6,002,094	5,163,591	4,549,390	4,542,631
Nonmetallic Fabricated Materials					
9310	Paper and Paperboard	13,093	3,400	5,231	3,121
9320	Rubber Fabricated Materials	6,947	6,189	8,163	12,814
9330	Plastics Fabricated Materials	4,677	11,047	9,612	19,952
9340	Glass Fabricated Materials	1,052	1,713	2,360	1,083
9350	Refractories & Fire Surfacing Materials	56	1,270	38	173
9390	Misc Fabricated Nonmetallic Materials	7,930	17,029	2,938	3,485
TOTAL	Nonmetallic Fabricated Materials	33,755	40,648	28,342	40,628
Nonmetallic Crude Materials					
9410	Crude Grades of Plant Materials	0	0	0	33
9420	Fibers: Vegetable, Animal and Synthetic	0	268	0	0
9430	Misc Crude Animal Products, Inedible	36	0	32-	0
9450	Nonmetallic Scrap, Except Textile	146	103	0	0
TOTAL	Nonmetallic Crude Materials	182	371	32-	33
Metal Bars, Sheets and Shapes					
9505	Wire, Nonelectrical, Iron and Steel	10,381	12,163	4,532	3,067
9510	Bars and Rods, Iron and Steel	2,475	4,439	8,855	3,613
9515	Plate, Sheet, Strip & Foil: Iron and Steel	10,521	14,628	15,232	24,672
9520	Structural Shapes, Iron and Steel	7,136	4,241	5,365	5,468
9525	Wire, Nonelectrical, Nonferrous Base Metal	243	388	375	218
9530	Bars and Rods, Nonferrous Base Metal	2,414	4,934	9,195	4,005
9535	Plate Sheet Strip Foil: Nonferrous Metal	12,274	13,844	25,654	18,527
9540	Structural Shapes, Nonferrous Base Metal	1,918	2,404	948	2,623
9545	Plate Sheet Strip & Wire: Precious Metal	100	140	37	82
TOTAL	Metal Bars, Sheets and Shapes	47,462	57,181	70,193	62,275

# TABLE 3B. Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1991	1990	1989	1988
	Ores, Minerals, and Their Primary Products				
9610	Ores	76	92	0	252
9620	Minerals, Natural and Synthetic	3,584	109,539	1,975	3,180
9630	Additive Metal Materials & Master Alloys	63	135	194	164
9640	Iron & Steel Primary & Semifinished Prod	897	1,196	2,679	4,121
9650	Nonferrous Base Metal Refinery	374	2,482	2,616	3,077
9660	Precious Metals Primary Forms	0	151	486	162
9670	Iron and Steel Scrap	0	47	74	0
TOTAL	Ores, Minerals, and Their Primary Products	4,994	113,642	8,024	10,956
	Miscellaneous				
9905	Signs, Advertizing Displays, Ident Plates	3,001	1,825	1,264	1,631
9910	Jewelry	87	0	377	27
9915	Collectors and/or Historical Items	0	0	0	110
9920	Smokers' Articles and Matches	2,435	566	310	679
9925	Ecclesiastical Equip, Furnishings & Sup	350	38	70	289
9930	Memorials; Cemeterial & Mortuary Eq & Sup	2,951	40	196	269
9998	Nonfood Items for Resale	63,308	41,230	34,084	36,226
9999	Miscellaneous Items	2,490,793	2,181,638	2,368,885	2,891,522
TOTAL	Miscellaneous	2,562,925	2,225,337	2,405,186	2,930,753
	T O T A L    SUPPLIES AND EQUIPMENT	73,527,876	71,999,150	72,503,242	78,524,948

## **TABLE 4**

Net Value of  
Prime Contract Awards Over \$25,000  
by Federal Supply Classification  
Code and Description, and by  
DoD Component for FY 1991

**TABLE 4-1**  
**Research, Development, Test, and Evaluation**  
**by DoD Component**  
**Fiscal Year 1991**

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AA35	RDTE/Agriculture Production-Op Systems Dev	166-	0	0	166-	0	0	0
AB15	RDTE/Crime Prevention & Control-Op Systems	53	0	0	0	0	0	53
AB91	RDTE/Other Community Svcs & Develop-Basic	1,100	0	0	0	0	0	1,100
AB92	RDTE/Other Community Svcs & Develop-Explor	125	0	100	0	0	0	25
AC11	RDTE/Aircraft-Basic Research	2,594	834	1,353	507	0	0	0
AC12	RDTE/Aircraft-Exploratory Development	27,767	12,855	11,595	2,762	0	0	555
AC13	RDTE/Aircraft-Advanced Development	1,292,974	266,663	8,417	1,017,894	0	0	0
AC14	RDTE/Aircraft-Engineering Development	1,536,874	100,818	516,058	919,998	0	0	0
AC15	RDTE/Aircraft-Operational Systems Developm	115,568	1,064	32,061	76,443	0	0	0
AC16	RDTE/Aircraft-Management & Support	34,862	26,092	7,145	6,625	0	0	0
AC21	RDTE/Missile and Space Systems-Basic Resea	89,802	41,017	36,533	8,897	0	0	1,755
AC22	RDTE/Missile and Space Systems-Exploratory	84,148	47,858	7,852	28,438	0	0	0
AC23	RDTE/Missile and Space Systems-Advanced De	1,211,678	906,710	19,622	285,247	0	0	99
AC24	RDTE/Missile and Space Systems-Engr Develo	1,167,801	255,138	260,631	652,032	0	0	0
AC25	RDTE/Missile and Space Systems-Op Systems	1,677,212	14,768	59,162	1,591,271	0	0	12,011
AC26	RDTE/Missile and Space Systems-Mgmt & Supp	31,917	0	21,519	10,398	0	0	0
AC31	RDTE/Ships-Basic Research	10,634	2,200	8,434	0	0	0	0
AC32	RDTE/Ships-Exploratory Development	24,646	0	24,646	0	0	0	0
AC33	RDTE/Ships-Advanced Development	514,269	0	514,269	0	0	0	0
AC34	RDTE/Ships-Engineering Development	52,353	0	52,353	0	0	0	0
AC35	RDTE/Ships-Op Systems Development	6,684	0	6,684	0	0	0	0
AC36	RDTE/Ships-Management & Support	8,416	0	8,416	0	0	0	0
AC41	RDTE/Tank - Automotive-Basic Research	2,462	2,462	0	0	0	0	0
AC42	RDTE/Tank - Automotive-Exploratory Develop	78,746	62,069	16,677	0	0	0	0
AC43	RDTE/Tank - Automotive-Advanced Developmen	173,220	170,755	0	0	0	0	2,465
AC44	RDTE/Tank - Automotive-Engr Development	173,518	172,612	906	0	0	0	0
AC45	RDTE/Tank - Automotive-Op Systems Developm	13,954	13,954	0	0	0	0	0
AC46	RDTE/Tank - Automotive-Management & Suppor	9,147	8,997	0	150	0	0	0
AC51	RDTE/Weapons-Basic Research	12,220	8,024	1,397	2,799	0	0	0
AC52	RDTE/Weapons-Exploratory Development	46,018	4,610	11,473	29,888	0	0	47
AC53	RDTE/Weapons-Advanced Development	119,282	4,599	10,058	104,625	0	0	0
AC54	RDTE/Weapons-Engineering Development	502,726	100,467	359,109	43,150	0	0	0
AC55	RDTE/Weapons-Operational Systems Developme	23,651	1,370	1,411	20,870	0	0	0
AC56	RDTE/Weapons-Management & Support	14,220	648	9,522	4,050	0	0	0
AC61	RDTE/Electronics & Communication Eq-Basic	88,544	43,218	24,043	18,962	0	0	2,321
AC62	RDTE/Electronics & Communication Eq-Explor	208,380	116,134	65,349	11,944	0	0	14,953
AC63	RDTE/Electronics & Communication Eq-Advanc	400,525	129,479	116,193	153,898	0	0	955
AC64	RDTE/Electronics & Communication Eq-Engr D	1,206,094	67,491	492,415	645,881	0	0	307
AC65	RDTE/Electronics & Communication Eq-Op Sys	1,335,467	129,145	550,109	605,923	0	0	50,290
AC66	RDTE/Electronics & Communication Eq-Mgmt &	45,543	13,207	6,627	18,613	0	0	7,086
AC91	RDTE/Misc Hard Goods-Basic Research	6,853	5,904	949	0	0	0	0
AC92	RDTE/Misc Hard Goods-Exploratory Developme	3,321	249	3,025	47	0	0	0
AC93	RDTE/Misc Hard Goods-Advanced Development	10,479	2,810	3,669	0	0	0	4,000
AC94	RDTE/Misc Hard Goods-Engr Development	59,395	8,171	50,923	301	0	0	0
AC95	RDTE/Misc Hard Goods-Op Systems Developmen	8,716	703	7,813	200	0	0	0
AC96	RDTE/Misc Hard Goods-Mgmt & Support	958	142	682	134	0	0	0
AD11	RDTE/Ammunition-Basic Research	3,603	353	362	2,888	0	0	0
AD12	RDTE/Ammunition-Exploratory Development	7,200	2,223	4,821	156	0	0	0
AD13	RDTE/Ammunition-Advanced Development	90,629	88,406	1,339	884	0	0	0
AD14	RDTE/Ammunition-Engineering Development	102,248	102,116	132	0	0	0	0
AD15	RDTE/Ammunition-Operational Systems Develo	2,068	2,068	0	0	0	0	0
AD16	RDTE/Ammunition-Management & Support	5,159	4,224	723	212	0	0	0
AD21	RDTE/Services-Basic Research	24,367	2,389	16,391	601	0	0	4,986
AD22	RDTE/Services-Exploratory Development	22,622	3,605	15,629	2,998	0	0	390
AD23	RDTE/Services-Advanced Development	85,403	12,993	49,171	16,957	0	0	6,282
AD24	RDTE/Services-Engineering Development	117,122	15,095	63,098	38,929	0	0	0
AD25	RDTE/Services-Operational Systems Developm	201,462	90,961	63,567	38,441	0	0	8,493
AD26	RDTE/Services-Management & Support	95,020	57,865	13,539	23,447	0	0	169
AD33	RDTE/Subsistence-Advanced Development	5,376	71	5,305	0	0	0	0
AD35	RDTE/Subsistence-Operational Systems Devel	43	0	43	0	0	0	0
AD41	RDTE/Textiles, Clothing, Equipage-Basic Re	750	672	78	0	0	0	0
AD42	RDTE/Textiles, Clothing, Equipage-Explor O	15,812	12,661	2,671	260	0	0	220
AD43	RDTE/Textiles, Clothing, Equipage-Advanced	6,955	5,066	862	1,027	0	0	0
AD44	RDTE/Textiles, Clothing, Equipage-Engr Dev	3,914	3,160	679	75	0	0	0
AD45	RDTE/Textiles, Clothing, Equipage-Op Syste	4,138	4,138	0	0	0	0	0
AD46	RDTE/Textiles, Clothing, Equipage-Mgmt & S	86	86	0	0	0	0	0
AD51	RDTE/Fuels and Lubricants-Basic Research	1,048	165	480	403	0	0	0
AD52	RDTE/Fuels and Lubricants-Exploratory Deve	4,913	124	50	4,739	0	0	0
AD53	RDTE/Fuels and Lubricants-Advanced Develop	2,520	2,470	50	0	0	0	0
AD54	RDTE/Fuels and Lubricants-Engr Development	125	125	0	0	0	0	0
AD55	RDTE/Fuels and Lubricants-Operational Syst	50	50	0	0	0	0	0
AD56	RDTE/Fuels and Lubricants-Management & Sup	410	0	0	410	0	0	0
AD61	RDTE/Construction-Basic Research	1,557	250	30	160	0	0	1,117
AD62	RDTE/Construction-Exploratory Development	15,687	3,220	1,173	0	0	0	11,294
AD63	RDTE/Construction-Advanced Development	1,942	0	1,621	321	0	0	0
AD64	RDTE/Construction-Engineering Development	2,748	2,474	0	274	0	0	0

**TABLE 4-1**  
**Research, Development, Test, and Evaluation**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AD65	RDTE/Construction-Operational Systems Deve	1,729	768	961	0	0	0	0
AD66	RDTE/Construction-Management & Support	278	0	278	0	0	0	0
AD91	RDTE/Other Defense-Basic Research	452,764	21,029	341,184	63,040	0	0	27,511
AD92	RDTE/Other Defense-Exploratory Development	1,530,052	736,009	103,192	205,982	0	0	484,869
AD93	RDTE/Other Defense-Advanced Development	1,105,797	135,034	48,477	156,972	0	0	765,314
AD94	RDTE/Other Defense-Engineering Development	252,843	79,934	111,364	51,867	0	0	9,678
AD95	RDTE/Other Defense-Operational Systems Dev	179,888	43,418	15,423	115,323	0	0	5,724
AD96	RDTE/Other Defense-Management & Support	170,021	11,151	9,904	17,488	0	0	131,478
AE21	RDTE/Product or Srvc Improvement-Basic Res	6,190	0	0	6,190	0	0	0
AE22	RDTE/Product or Srvc Improvement-Explor De	128	128	0	0	0	0	0
AE23	RDTE/Product or Srvc Improvement-Advanced	49	0	0	49	0	0	0
AE25	RDTE/Product or Srvc Improvement-Op System	58	0	0	58	0	0	0
AE31	RDTE/Manufacturing Technology-Basic Resear	340	340	0	0	0	0	0
AE33	RDTE/Manufacturing Technology-Advanced Dev	19,896	0	19,896	0	0	0	0
AE34	RDTE/Manufacturing Technology-Engr Develop	891	195	696	0	0	0	0
AE35	RDTE/Manufacturing Technology-Op Systems D	102,234	0	0	100,291	1,943	0	0
AE36	RDTE/Manufacturing Technology-Mgmt & Suppo	1,777	0	1,456	321	0	0	0
AE92	RDTE/Other Econ Growth&Productivity-Explor	91	0	0	0	0	0	91
AF11	RDTE/Education-Basic Research	166	0	77	0	0	0	89
AF12	RDTE/Education-Exploratory Development	435	0	0	0	0	0	435
AF15	RDTE/Education-Operational Systems Develop	311	0	311	0	0	0	0
AF16	RDTE/Education-Management & Support	1,122	1,122	0	0	0	0	0
AG12	RDTE/Energy - Coal - Exploratory Developme	131	131	0	0	0	0	0
AG21	RDTE/Energy - Gas - Basic Research	42	0	0	42	0	0	0
AG22	RDTE/Energy - Gas - Exploratory Developmen	28	28	0	0	0	0	0
AG31	RDTE/Energy - Geothermal - Basic Research	473	0	473	0	0	0	0
AG72	RDTE/Energy - Solar - Exploratory Developm	618	618	0	0	0	0	0
AG92	RDTE/Other Energy - Exploratory Developmen	462	0	0	0	0	0	0
AG93	RDTE/Other Energy - Advanced Development	40	0	40	0	0	0	0
AH11	RDTE/Pollution Cntl & Abatement-Basic Rese	346	0	151	195	0	0	0
AH12	RDTE/Pollution Cntl & Abatement-Explorator	4,463	3,601	418	444	0	0	0
AH16	RDTE/Pollution Cntl & Abatement-Mgmt & Sup	118	0	118	0	0	0	0
AH21	RDTE/Air Pollution-Basic Research	900	0	0	900	0	0	0
AH26	RDTE/Air Pollution-Management & Support	463	0	0	463	0	0	0
AH31	RDTE/Water Pollution-Basic Research	303	0	0	303	0	0	0
AH33	RDTE/Water Pollution-Advanced Development	50	0	0	50	0	0	0
AH46	RDTE/Noise Pollution-Management & Support	54	54	0	0	0	0	0
AH91	RDTE/Other Environmental Protection-Basic	836	0	268	568	0	0	0
AH92	RDTE/Other Environmental Protection-Explor	1,672	619	0	1,053	0	0	0
AH94	RDTE/Other Environmental Protection-Engr D	77	0	0	77	0	0	0
AH95	RDTE/Other Environmental Protection-Op Sys	117	0	0	117	0	0	0
AH96	RDTE/Other Environmental Protection-Mgmt & S	2,754	2,500	0	254	0	0	0
AJ11	RDTE/Physical Sciences - Basic Research	82,970	345	2,361	79,981	0	0	283
AJ12	RDTE/Physical Sciences - Exploratory Devel	47,343	50	1,068	46,225	0	0	0
AJ13	RDTE/Physical Sciences - Advanced Developm	13,722	40	822	12,860	0	0	0
AJ14	RDTE/Physical Sciences - Engineering Devel	27,027	0	0	27,027	0	0	0
AJ15	RDTE/Physical Sciences - Operational Syste	456	420	36	0	0	0	0
AJ16	RDTE/Physical Sciences - Management & Supp	28,852	247	50	28,555	0	0	0
AJ21	RDTE/Math & Computer Sciences - Basic Rese	435	153	34	248	0	0	0
AJ22	RDTE/Math & Computer Sciences - Explor Dev	1,687	400	1,287	0	0	0	0
AJ25	RDTE/Math & Computer Sciences - Op Systems	587	0	520	67	0	0	0
AJ31	RDTE/Environmental Sciences - Basic Resear	501	330	50	121	0	0	0
AJ32	RDTE/Environmental Sciences - Explor Devel	3,779	2,083	1,696	0	0	0	0
AJ35	RDTE/Environmental Sciences - Op Systems D	51	69	0	0	0	0	120
AJ36	RDTE/Environmental Sciences - Management &	50	0	0	0	0	0	0
AJ41	RDTE/Engineering Sciences - Basic Research	739	369	0	430	0	0	0
AJ42	RDTE/Engineering Sciences - Exploratory De	611	611	0	0	0	0	0
AJ43	RDTE/Engineering Sciences - Advanced Devel	200	0	0	200	0	0	0
AJ44	RDTE/Engineering Sciences - Engineering De	1,847	0	1,510	0	0	0	337
AJ45	RDTE/Engineering Sciences - Operational Sy	86	86	0	0	0	0	0
AJ46	RDTE/Engineering Sciences - Management & S	1,348	225	50	1,073	0	0	0
AJ52	RDTE/Life Sciences - Exploratory Developme	35	0	35	0	0	0	0
AJ53	RDTE/Life Sciences - Advanced Development	150	0	150	0	0	0	0
AJ56	RDTE/Life Sciences - Management & Support	50	0	50	0	0	0	0
AJ61	RDTE/Psychological Sciences - Basic Resear	129	129	0	0	0	0	0
AJ62	RDTE/Psychological Sciences - Exploratory	959	907	52	0	0	0	0
AJ65	RDTE/Psychological Sciences - Operational	26	0	26	0	0	0	0
AJ71	RDTE/Social Sciences - Basic Research	81	0	0	0	0	0	81
AJ74	RDTE/Social Sciences - Engineering Develop	843	0	0	0	0	0	843
AJ91	RDTE/Other Sciences - Basic Research	149	100	49	0	0	0	0
AJ92	RDTE/Other Sciences - Exploratory Developm	117	0	117	0	0	0	0
AJ96	RDTE/Other Sciences - Management & Support	50	50	0	0	0	0	0
AM11	RDTE/Int'l Affairs & Cooperation-Basic Res	57	0	0	0	0	0	57
AN11	RDTE/Biomedical - Basic Research	2,920	2,265	0	0	0	0	655
AN12	RDTE/Biomedical - Exploratory Development	50	0	0	50	0	0	0
AN16	RDTE/Biomedical - Management & Support	420	0	0	420	0	0	0

**TABLE 4-1**  
**Research, Development, Test, and Evaluation**  
**by DoD Component**  
**Fiscal Year 1991**

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AN41	RDTE/Health Services - Basic Research	125	0	0	0	0	0	125
AN46	RDTE/Health Services - Management & Support	433,279	0	0	0	0	0	433,279
AN62	RDTE/Rehabilitative Engineering-Explor Dev	404	404	0	0	0	0	0
AN72	RDTE/Specialized Services - Exploratory Dev	50	0	50	0	0	0	0
AN91	RDTE/Other Medical - Basic Research	18,304	17,957	0	347	0	0	0
AN92	RDTE/Other Medical - Exploratory Development	18,440	17,899	0	541	0	0	0
AN93	RDTE/Other Medical - Advanced Development	73,626	72,973	49	604	0	0	0
AN94	RDTE/Other Medical - Engineering Development	6,514	6,514	0	0	0	0	0
AN95	RDTE/Other Medical - Operational Systems Development	165	165	0	0	0	0	0
AP22	RDTE/Natural Resources - Land - Explor Dev	1,804	1,282	0	522	0	0	0
AP51	RDTE/Natural Resources-Marine-Basic Research	187	46	141	0	0	0	0
AP52	RDTE/Natural Resources-Marine-Exploratory	78	0	78	0	0	0	0
AP53	RDTE/Natural Resources-Marine-Advanced Development	2,523	0	2,523	0	0	0	0
AP91	RDTE/Natural Resources-Other-Basic Research	144	0	0	0	0	144	0
AR11	RDTE/Space - Aeronautics - Basic Research	17,625	0	0	17,625	0	0	0
AR12	RDTE/Space - Aeronautics - Exploratory Development	50	0	0	50	0	0	0
AR13	RDTE/Space - Aeronautics - Advanced Development	8,421	0	5,885	2,536	0	0	0
AR21	RDTE/Space-Science Applications-Basic Research	923	0	1,010	87-	0	0	0
AR22	RDTE/Space-Science Applications-Explor Dev	275	0	50	225	0	0	0
AR23	RDTE/Space-Science Applications-Advanced Development	446,362	0	0	446,362	0	0	0
AR24	RDTE/Space-Science Applications-Engineering Development	100	100	0	0	0	0	0
AR25	RDTE/Space-Science Applications-Op Systems Development	460,821	0	0	460,821	0	0	0
AR32	RDTE/Space Flight - Exploratory Development	1,210	0	0	1,210	0	0	0
AR33	RDTE/Space Flight - Advanced Development	193,899	0	0	193,899	0	0	0
AR34	RDTE/Space Flight - Engineering Development	196,915	0	0	196,915	0	0	0
AR35	RDTE/Space Flight - Operations Systems Development	2,886	0	0	2,886	0	0	0
AR41	RDTE/Space Op - Tracking & Data Acq-Basic Research	1,853	0	0	1,853	0	0	0
AR42	RDTE/Space Op - Applied Research & Explor Dev	1,972	0	1,247	725	0	0	0
AR43	RDTE/Space Op - Tracking & Data Acq-Advanced Development	80	0	0	80	0	0	0
AR44	RDTE/Space Op - Tracking & Data Acq-Engineering Development	12,367	0	191	12,176	0	0	0
AR45	RDTE/Space Op-Tracking & Data Acq-Op Systems Development	28,387	0	0	28,387	0	0	0
AR46	RDTE/Space Op-Tracking & Data Acq-Mgmt & Support	3,712	3,712	0	0	0	0	0
AR61	RDTE/Space-Station-Basic Research	5,305	0	340	4,965	0	0	0
AR62	RDTE/Space-Station-Exploratory Development	1,008	0	1,008	0	0	0	0
AR91	RDTE/Space - Other - Basic Research	4,772	80	0	4,692	0	0	0
AR92	RDTE/Space - Other - Exploratory Development	12,632	0	196	12,436	0	0	0
AR93	RDTE/Space - Other - Advanced Development	53,403	0	0	53,403	0	0	0
AR94	RDTE/Space - Other - Engineering Development	993	0	0	993	0	0	0
AR95	RDTE/Space - Other - Operational Systems Development	6,599	0	0	6,599	0	0	0
AR96	RDTE/Space - Other - Management & Support	5,217	0	0	5,217	0	0	0
AS12	RDTE/Transportation - Air - Exploratory Development	400	0	400	0	0	0	0
AS13	RDTE/Transportation - Air - Advanced Development	845	0	845	0	0	0	0
AS15	RDTE/Transportation - Air - Op Systems Development	61	61	0	0	0	0	0
AS21	RDTE/Transportation - Motor Veh - Basic Research	43	0	43	0	0	0	0
AS41	RDTE/Transportation - Marine - Basic Research	244	0	244	0	0	0	0
AS42	RDTE/Transportation - Marine - Exploratory Development	7,137	0	7,137	0	0	0	0
AT11	RDTE/Trans - Hwys-Roads-Bridges - Basic Research	91-	91-	0	0	0	0	0
AT12	RDTE/Trans - Hwys-Roads-Bridges - Explor Dev	418	418	0	0	0	0	0
AT14	RDTE/Trans - Hwys-Roads-Bridges - Engr Development	2,534	2,534	0	0	0	0	0
AT95	RDTE/Trans - Other - Operational Systems Development	4,295	0	0	0	0	0	4,295
AV21	RDTE/Mining Equipment-Surface-Basic Research	50	0	50	0	0	0	0
AV71	RDTE/Mining - Metallurgical - Basic Research	26	26	0	0	0	0	0
AV92	RDTE/Other Mining Activities - Exploratory Development	250	0	250	0	0	0	0
AZ11	RDTE/Other Research & Development-Basic Research	217,146	98,535	83,510	13,821	5,322	7,531	8,427
AZ12	RDTE/Other Research & Development-Explor Dev	109,579	41,235	48,963	12,223	0	0	7,158
AZ13	RDTE/Other Research & Development-Advanced Development	465,829	11,010	16,989	431,970	0	0	5,860
AZ14	RDTE/Other Research & Development-Engr Development	386,556	22,812	9,492	329,380	0	0	24,972
AZ15	RDTE/Other Research & Development-Op Systems Development	133,907	45,877	8,850	42,575	0	30	36,575
AZ16	RDTE/Other Research & Development-Mgmt & Support	228,434	16,794	7,974	193,181	0	1,027	9,458



**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
B502	Air Quality Analyses	929	175	0	754	0	0	0
B503	Archeological/Paleontological Studies	7,751	2,312	2,993	0	0	2,446	0
B504	Chemical/Biological Studies & Analyses	3,212	1,064	1,222	0	0	926	0
B505	Cost Benefit Analyses	1,393	0	1,362	0	0	31	0
B506	Data Analyses (Other than Scientific)	4,564	211	3,419	455	0	0	479
B507	Economic Studies	299	0	134	0	0	0	165
B509	Endangered Species Studies - Plant & Anima	1,408	632	371	267	0	138	0
B510	Environmental Studies & Assessments	10,372	6,581	800	1,303	0	1,688	0
B513	Feasibility Studies (Non-construction)	426	55	0	298	0	73	0
B516	Animal & Fisheries Studies	78	0	0	0	0	0	0
B517	Geological Studies	91	0	0	91	0	0	0
B519	Geotechnical Studies	233	185	0	0	0	48	0
B521	Historical Studies	629	124	132	0	0	373	0
B524	Mathematical/Statistical Analyses	760	616	0	144	0	0	0
B525	Natural Resource Studies	191	0	191	0	0	0	0
B526	Oceanological Studies	3,107	0	3,107	0	0	0	0
B527	Recreation Studies	60	0	0	0	0	60	0
B528	Regulatory Studies	198	0	0	0	0	198	0
B529	Scientific Data Studies	1,070	27	213	884	0	0	0
B530	Seismological Studies	2,262	80	0	2,182	0	0	0
B532	Soils Studies	442	46	0	70	0	326	0
B533	Water Quality Studies	2,106	230	1,419	0	0	457	0
B534	Wildlife Studies	523	0	0	238	0	285	0
B537	Medical & Health Studies	787	787	0	0	0	0	0
B538	Intelligence Studies	9,388	568	0	982	0	0	7,838
B539	Aeronautic/Space Studies	975	0	0	870	0	0	105
B541	Defense Studies	9,878	465	2,008	2,174	0	0	5,231
B542	Educational Studies & Analyses	1,734	325	91	0	0	0	1,318
B543	Energy Studies	468	0	0	468	0	0	0
B544	Technology Studies	5,406	3,944	91	1,146	0	0	225
B545	Housing & Community Development Studies	25	0	25	0	0	0	0
B546	Security Studies (Physical & Personal)	1,436	0	1,436	0	0	0	0
B547	Accounting/Financial Management Studies	388	0	299	40	0	49	0
B549	Foreign Policy/National Security Policy St	1,392	0	0	0	0	0	1,392
B550	Organization/Administrative/Personnel Stud	617	0	0	556	0	0	61
B551	Mobilization/Preparedness Studies	12,113	471	11,642	0	0	0	0
B552	Manpower Studies	1,678	0	605	0	0	0	1,073
B553	Communications Studies	3,738	75	3,315	0	0	0	498
B554	Acquisition Policy/Procedures Studies	600	0	600	0	0	0	0
B599	Other Special Studies & Analyses	133,450	7,741	57,875	42,462	0	12,270	13,102
C111	Administrative & Service Buildings	46,061	7,731	4,630	4,118	0	29,582	0
C112	Airfield, Communication & Missile Faciliti	15,825	11,987	3,539	299	0	0	0
C113	Educational Buildings	4,789	2,104	2,143	542	0	0	0
C114	Hospital Buildings	27,999	23,046	4,313	509	0	131	0
C115	Industrial Buildings	9,337	4,335	3,916	888	0	198	0
C116	Residential Buildings	6,840	2,657	2,764	1,419	0	0	0
C117	Warehouse Buildings	5,878	4,835	639	404	0	0	0
C118	Research & Development Facilities	2,779	899	1,880	0	0	0	0
C119	Other Buildings	53,718	36,327	14,932	1,832	0	479	148
C121	Conservation & Development	6,785	1,757	2,475	174	0	2,379	0
C122	Highways, Roads, Streets, & Bridges	3,777	1,703	995	104	0	975	0
C123	Electric Power Generation (EPG)	4,607	3,065	1,216	38	0	288	0
C124	Utilities	7,783	2,734	3,804	1,116	0	129	0
C129	Other Non-Building Structures	23,468	11,491	8,297	589	0	3,091	0
C130	Restoration	4,897	266	2,529	228	0	1,874	0
C211	Architect-Engineering Services (Non-constr	334,126	124,169	136,442	26,922	0	46,029	564
C212	Engineering Drafting Services	35,464	2,414	31,352	1,570	0	128	0
C213	A&E Inspection Services (Non-construction)	4,298	2,683	1,023	0	0	592	0
C214	A&E Management Engineering Services	134,540	2,737	131,639	164	0	0	0
C215	A&E Production Engineering Services	142,174	901	141,273	0	0	0	0
C216	Marine Architect - Engineering Services	455,490	0	452,768	0	0	2,722	0
C219	Other Architect & Engineering Services	657,235	174,833	379,578	8,379	0	93,314	1,131
D301	ADP Facility Operation & Maintenance Servi	221,371	41,085	87,031	19,617	441	2,521	70,676
D302	ADP Systems Development Services	288,098	21,415	170,948	69,664	0	9,861	16,210
D303	ADP Data Entry Services	7,201	254	6,426	144	0	0	377
D304	ADP Telecommunications & Transmission Serv	4,627	558	1,445	496	0	161	1,967
D305	ADP Teleprocessing & Timesharing Services	12,865	3,748	1,988	0	50	1,803	5,276
D306	ADP Systems Analysis Services	25,704	5,204	12,807	6,772	0	661	260
D307	Automated Info System Design & Integration	264,416	137,732	34,147	66,121	70	117	26,229
D308	Programming Services	16,771	283	4,803	9,609	0	1,122	954
D310	ADP Backup & Security Services	3,541	1,057	2,484	0	0	0	0
D311	ADP Data Conversion Services	9,398	3,877	1,050	3,111	0	0	1,360
D312	ADP Optical Scanning Services	7,917	118	7,799	0	0	0	0
D313	Computer Aided Design/Computer Aided Mfg S	10,109	9,603	152	354	0	0	0
D314	ADP System Acquisition Support Services	62,871	18,129	33,026	6,982	50	507	4,177
D315	Digitizing Services	1,689	0	0	0	0	0	1,689

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
D316	Telecommunication Network Management Servi	3,441	113	1,659	0	0	678	991
D317	Automated News Svcs, Data Svcs, or Other I	4,427	218	2,667	658	0	61	823
D399	Other ADP & Telecommunication Services	941,734	94,452	182,642	99,338	33,208	20,813	511,281
E111	Purchase/Office Buildings	1,032	0	1,032	0	0	0	0
E174	Purchase/Open Storage Facilities	35	0	0	35	0	0	0
E191	Purchase/Museums & Exhibition Buildings	35	0	0	0	0	0	35
E219	Purchase/Other Conservation & Dev Faciliti	131	131	0	0	0	0	0
E299	Purchase/All Other Non-Building Facilities	84	41	43	0	0	0	0
F001	Aerial Fertilization/Spraying	233	233	0	0	0	0	0
F003	Forest/Range Fire Suppression/Presuppressi	980	63	0	917	0	0	0
F005	Forest Tree Planting	815	815	0	0	0	0	0
F006	Land Treatment Practices (Plowing, Clearin	400	281	0	38	0	81	0
F008	Recreation Site Maintenance (Non-Construct	292	0	0	0	0	292	0
F010	Seedling Production/Transplanting	688	0	0	31	0	657	0
F014	Tree Thinning	415	41	0	374	0	0	0
F015	Well Drilling/Exploratory	1,155	8	0	470	0	677	0
F018	Other Range/Forest Improvements (Non-Const	35	0	35	0	0	0	0
F019	Other Wildlife Management	4,564	0	4,739	69	0	244	0
F020	Fisheries Resources Management	67	0	67	0	0	0	0
F021	Site Preparation	31	0	31	0	0	0	0
F099	Other Natural Resources & Conservation Ser	19,810	338	0	17,477	0	1,995	0
F101	Air Quality Support Services	572	153	419	0	0	0	0
F103	Water Quality Support Services	3,328	1,843	0	0	173	1,312	0
F104	Surveys & Technical Support Rel to Water P	355	355	0	0	0	0	0
F105	Pesticides Support Services	270	0	0	0	0	270	0
F106	Toxic Substances Support Services	61	26	35	0	0	0	0
F107	Hazardous Substance Analysis	111,045	489	97	110,459	0	0	0
F108	Hazardous Substance Removal/Cleanup/Dispos	175,846	150,939	9,258	2,278	655	12,716	0
F109	Leaking Underground Storage Tank Support S	8,582	3,549	96	2,390	348	2,199	0
F110	Dev of Environ Impact Statements & Assessm	2,227	93	68	1,930	0	136	0
F111	Surveys&Technical Support for Multiple Pol	267	0	0	29	0	238	0
F112	Oil Spill Cleanup, Removal, Disposal & Sup	398	85	284	29	0	0	0
F999	Other Environ Svcs, Studies, & Analytical	166,357	122,070	1,679	14,362	35	28,211	0
G001	Care of Remains and/or Funeral Services	206	0	206	0	0	0	0
G002	Chaplain Services	203	136	28	39	0	0	0
G003	Recreational Services	1,085	655	136	169	0	38	87
G004	Rehabilitation Services	681	191	394	0	0	0	96
G007	Government Health Insurance Programs	137,441	0	0	0	0	0	137,441
G009	Non-Government Insurance Programs	265	0	0	265	0	0	0
G099	Other Social Services	9,403	2,416	6,574	172	0	0	241
H110	Quality Control Svcs/Weapons	658	464	194	0	0	0	0
H112	Quality Control Svcs/Fire Control Equipmen	144	0	144	0	0	0	0
H114	Quality Control Svcs/Guided Missiles	37,667	0	37,667	0	0	0	0
H115	Quality Control Svcs/Aircraft Structural C	61	0	61	0	0	0	0
H118	Quality Control Svcs/Space Vehicles	109,401	0	0	109,401	0	0	0
H119	Quality Control Svcs/Ships-Sml Craft-Docks	2,582	0	2,582	0	0	0	0
H120	Quality Control Svcs/Ship & Marine Equipme	4,885	0	4,885	0	0	0	0
H144	Quality Control Svcs/Furnace-Steam Plant-N	77	0	0	77	0	0	0
H146	Quality Control Svcs/Water Purification Eq	51	0	0	51	0	0	0
H158	Quality Control Svcs/Communication Equipme	1,899	0	2,319	420	0	0	0
H159	Quality Control Svcs/Electrical & Elct Fgu	7,994	0	7,994	0	0	0	0
H161	Quality Control Svcs/Power Distribution Eq	26	0	0	26	0	0	0
H163	Quality Control Svcs/Alarm & Signal System	59	0	0	59	0	0	0
H166	Quality Control Svcs/Instruments & Lab Equ	326	139	70	117	0	0	0
H170	Quality Control Svcs/ADP Equip & Supplies	879	0	879	0	0	0	0
H173	Quality Control Svcs/Food Prep & Serving E	314	0	0	314	0	0	0
H191	Quality Control Svcs/Fuels-Lubricants-Oils	255	255	0	0	0	0	0
H199	Quality Control Svcs/Miscellaneous Equipme	5,282	0	5,282	0	0	0	0
H210	Equip & Mats Testing/Weapons	8,232	169	8,063	0	0	0	0
H212	Equip & Mats Testing/Fire Control Equipmen	3,268	0	3,268	0	0	0	0
H213	Equip & Mats Testing/Ammo & Explosives	1,365	0	1,365	0	0	0	0
H214	Equip & Mats Testing/Guided Missiles	21,328	5,622	15,706	0	0	0	0
H215	Equip & Mats Testing/Aircraft Structural C	44,781	0	44,781	0	0	0	0
H216	Equip & Mats Testing/Aircraft Comps & Accy	32,074	218	31,856	0	0	0	0
H217	Equip & Mats Testing/Aircraft Gnd Handling	111	0	0	111	0	0	0
H219	Equip & Mats Testing/Ships-Sml Craft-Docks	641	0	641	0	0	0	0
H220	Equip & Mats Testing/Ship & Marine Equipme	417	0	417	0	0	0	0
H226	Equip & Mats Testing/Tires & Tubes	78	78	0	0	0	0	0
H228	Equip & Mats Testing/Engines, Turbines & C	268	154	0	0	0	114	0
H236	Equip & Mats Testing/Special Industry Mach	89	89	0	0	0	0	0
H242	Equip & Mats Testing/Fire, Rescue & Safety	2,262	0	2,262	0	0	0	0
H245	Equip & Mats Testing/Plumbing & Heating Fq	25	25	0	0	0	0	0
H247	Equip & Mats Testing/Pipe-Tubing-Hose-Fitt	76	76	0	0	0	0	0
H252	Equip & Mats Testing/Measuring Tools	299	0	299	0	0	0	0
H254	Equip & Mats Testing/Prefab Structures	300	0	300	0	0	0	0
H258	Equip & Mats Testing/Communication Equipme	83,226	4,114	79,112	0	0	0	0

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
H259	Equip & Mats Testing/Electrical & Elct Equ	5,484	62	861	4,561	0	0	0
H263	Equip & Mats Testing/Alarm & Signal System	85	85	0	0	0	0	0
H270	Equip & Mats Testing/ADP Equip & Supplies	2,532	0	604	1,928	0	0	0
H291	Equip & Mats Testing/Fuels-Lubricants-Oils	292	212	0	3-	83	0	0
H299	Equip & Mats Testing/Miscellaneous Equipme	302	99	203	0	0	0	0
H310	Inspection Services/Weapons	2,306	0	2,306	0	0	0	0
H322	Inspection Services/Railway Equipment	54	54	0	0	0	0	0
H323	Inspection Services/Vehicles-Trailers-Cycl	2,825	0	0	0	0	0	2,825
H342	Inspection Services/Fire, Rescue & Safety	47	47	0	0	0	0	0
H344	Inspection Services/Furnace-Stream Plant-N	614	338	0	276	0	0	0
H354	Inspection Services/Prefab Structures	25	25	0	0	0	0	0
H358	Inspection Services/Communication Equipmen	7,785	0	7,785	0	0	0	0
H359	Inspection Services/Electrical & Elct Equi	465	0	465	0	0	0	0
H370	Inspection Services/ADP Equip & Supplies	83	83	0	0	0	0	0
H391	Inspection Services/Fuels-Lubricants-Oils	221	183	0	38	0	0	0
H399	Inspection Services/Miscellaneous Equipmen	1,619	147	0	0	0	1,472	0
H941	Other Quality Cntl Svcs/Refrigeration, AC	65	0	0	0	0	0	65
H999	Other Quality Cntl, Testing & Inspection S	70,879	21,789	47,070	556	0	1,464	0
J010	Maint & Repair of Eq/Weapons	32,166	19,739	3,093	9,334	0	0	0
J011	Maint & Repair of Eq/Nuclear Ordnance	611	96	0	515	0	0	0
J012	Maint & Repair of Eq/Fire Control Equipmen	14,286	2,394	15,322	3,430-	0	0	0
J013	Maint & Repair of Eq/Ammo & Explosives	982	0	129-	1,111	0	0	0
J014	Maint & Repair of Eq/Guided Missiles	763,615	10,001	750,407	3,207	0	0	0
J015	Maint & Repair of Eq/Aircraft Structural C	1,713,346	183,236	761,252	768,488	0	370	0
J016	Maint & Repair of Eq/Aircraft Comps & Accy	159,567	65,187	32,542	61,838	0	0	0
J017	Maint & Repair of Eq/Aircraft Gnd Handling	53,983	2,739	12,247	38,317	0	680	0
J018	Maint & Repair of Eq/Space Vehicles	3,790	0	40	3,750	0	0	0
J019	Maint & Repair of Eq/Ships-Sml Craft-Docks	218,219	10,558	197,558	0	0	10,103	0
J020	Maint & Repair of Eq/Ship & Marine Equipme	49,765	6,214	41,827	0	0	1,724	0
J022	Maint & Repair of Eq/Railway Equipment	6,174	383	5,203	588	0	0	0
J023	Maint & Repair of Eq/Vehicles-Trailers-Cyc	59,513	22,513	20,946	16,054	0	0	0
J024	Maint & Repair of Eq/Tractors	2,900	2,750	26	35	0	0	89
J025	Maint & Repair of Eq/Vehicular Equipment C	1,506	928	445	133	0	0	0
J026	Maint & Repair of Eq/Tires & Tubes	919	919	0	0	0	0	0
J028	Maint & Repair of Eq/Engines, Turbines & C	167,899	39,461	17,787	110,240	0	411	0
J029	Maint & Repair of Eq/Engine Accessories	10,172	0	248	9,924	0	0	0
J030	Maint & Repair of Eq/Mech Power Trans Equi	1,988	360	244	1,113	0	271	0
J031	Maint & Repair of Eq/Bearings	1,106	0	0	1,106	0	0	0
J034	Maint & Repair of Eq/Metalworking Machiner	11,322	7,966	1,200	83	2,073	0	0
J035	Maint & Repair of Eq/Service & Trade Equip	1,638	1,489	21	83	0	45	0
J036	Maint & Repair of Eq/Special Industry Mach	39,376	26,701	5,605	6,215	53	408	394
J038	Maint & Repair of Eq/Construction Equipmen	494	56-	205	345	0	0	0
J039	Maint & Repair of Eq/Materials Handling Eq	7,461	5,110	658	1,410	240	43	0
J040	Maint & Repair of Eq/Rope, Cable, Chain & L	257	0	257	0	0	0	0
J041	Maint & Repair of Eq/Refrigeration, Air Co	16,281	6,511	4,808	4,760	111	26	65
J042	Maint & Repair of Eq/Fire, Rescue & Safety	1,875	394	1,393	88	0	0	0
J043	Maint & Repair of Eq/Pumps & Compressors	3,341	263	2,157	809	0	112	0
J044	Maint & Repair of Eq/Furnace-Steam Plant-N	1,312	424	664	224	0	0	0
J045	Maint & Repair of Eq/Plumbing & Heating Eq	6,850	5,314	1,262	274	0	0	0
J046	Maint & Repair of Eq/Water Purification Eq	892	173	568	97	0	54	0
J047	Maint & Repair of Eq/Pipe-Tubing-Hose-Fitt	1,183	0	1,154	0	29	0	0
J048	Maint & Repair of Eq/Valves	116	0	159	43-	0	0	0
J049	Maint & Repair of Eq/Maintenance & Repair	33,682	248	14,263	15,097	301	50	3,723
J051	Maint & Repair of Eq/Hand Tools	44	0	0	44	0	0	0
J052	Maint & Repair of Eq/Measuring Tools	100	0	0	100	0	0	0
J053	Maint & Repair of Eq/Hardware & Abrasives	41	0	41	0	0	0	0
J054	Maint & Repair of Eq/Prefab Structures	188	116	72	0	0	0	0
J055	Maint & Repair of Eq/Lumber & Millwork	406	406	0	0	0	0	0
J056	Maint & Repair of Eq/Construction Material	355	222	133	0	0	0	0
J058	Maint & Repair of Eq/Communication Equipme	306,418	59,492	170,441	71,927	0	374	4,184
J059	Maint & Repair of Eq/Electrical & Elct Equ	74,168-	11,369	30,012	115,674-	0	0	125
J060	Maint & Repair of Eq/Fiber Optic Mats & Co	8,364	0	30	8,334	0	0	0
J061	Maint & Repair of Eq/Power Distribution Eq	4,254	1,103	1,250	1,755	0	88	58
J062	Maint & Repair of Eq/Lighting Fixtures & L	33	0	0	33	0	0	0
J063	Maint & Repair of Eq/Alarm & Signal System	2,881	1,253	659	381	31	0	557
J065	Maint & Repair of Eq/Medical & Dental Equi	20,543	8,180	7,899	4,464	0	0	0
J066	Maint & Repair of Eq/Instruments & Lab Equi	64,760	16,433	3,706	42,356	0	129	2,136
Ju67	Maint & Repair of Eq/Photographic Equipmen	3,733	1,740	1,376	468	54	0	95
J068	Maint & Repair of Eq/Chemical Products	686	106	580	0	0	0	0
J069	Maint & Repair of Eq/Training Aids & Devic	109,791	1,117	56,693	51,981	0	0	0
J070	Maint & Repair of Eq/ADP Equip & Supplies	657,475	215,893	110,691	272,077	23,627	5,016	30,171
J071	Maint & Repair of Eq/Furniture	1,844	457	666	721	0	0	0
J072	Maint & Repair of Eq/Household Furnishings	22,102	21,005	224	873	0	0	0
J073	Maint & Repair of Eq/Food Prep & Serving E	708	310	242	156	0	0	0
J074	Maint & Repair of Eq/Office Machines	21,343	11,491	2,535	5,776	0	531	1,010
J075	Maint & Repair of Eq/Office Supplies & Dev	1,202	279	112	62	0	119	630

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
J076	Maint & Repair of Eq/Books-Maps-Pubs	710	26	684	0	0	0	0
J077	Maint & Repair of Eq/Musical Instruments-R	182	121	61	0	0	0	0
J078	Maint & Repair of Eq/Recreational Equipmen	42	0	0	42	0	0	0
J079	Maint & Repair of Eq/Cleaning Equipment	2,207	86	73	2,048	0	0	0
J080	Maint & Repair of Eq/Brushes-Paints-Sealer	590	519	71	0	0	0	0
J081	Maint & Repair of Eq/Containers-Packaging	936	96	697	143	0	0	0
J083	Maint & Repair of Eq/Textiles-Leather-Furs	1,369	1,369	0	0	0	0	0
J084	Maint & Repair of Eq/Clothing - Individual	189	189	0	0	0	0	0
J085	Maint & Repair of Eq/Toiletries	2,495	0	548	1,947	0	0	0
J088	Maint & Repair of Eq/Live Animals	29	0	0	0	0	29	0
J091	Maint & Repair of Eq/Fuels-Lubricants-Oils	762	195	0	567	0	0	0
J093	Maint & Repair of Eq/Nonmetallic Fabricated	278	0	278	0	0	0	0
J094	Maint & Repair of Eq/Nonmetallic Crude Mate	45	0	45	0	0	0	0
J095	Maint & Repair of Eq/Metal Bars & Sheets	4,649	0	27	4,622	0	0	0
J099	Maint & Repair of Eq/Miscellaneous Equipme	592,448	327,646	96,818	163,264	798	3,245	677
J998	Non-nuclear Ship Repair (East)	583,288	66	581,717	0	0	1,505	0
J999	Non-nuclear Ship Repair (West)	356,320	928	346,986	127	0	8,279	0
K010	Modification of Eq/Weapons	1,106	573	611	78	0	0	0
K012	Modification of Eq/Fire Control Equipment	4,905	214	4,691	0	0	0	0
K014	Modification of Eq/Guided Missiles	82,396	13,417	68,955	24	0	0	0
K015	Modification of Eq/Aircraft Structural Com	548,999	1,455	212,769	337,685	0	0	0
K016	Modification of Eq/Aircraft Comps & Accys	17,907	70	7,706	10,131	0	0	0
K017	Modification of Eq/Aircraft Gnd Handling E	3,099	24	0	3,075	0	0	0
K018	Modification of Eq/Space Vehicles	14	0	0	14	0	0	0
K019	Modification of Eq/Ships-Sml Craft-Docks	25,554	0	25,554	0	0	0	0
K020	Modification of Eq/Ship & Marine Equipment	17,457	0	17,388	0	0	69	0
K023	Modification of Eq/Vehicles-Trailers-Cycle	133	133	0	0	0	0	0
K025	Modification of Eq/Vehicular Equipment Com	597	0	143	454	0	0	0
K028	Modification of Eq/Engines, Turbines & Com	9,085	2,604	2,973	3,508	0	0	0
K029	Modification of Eq/Engine Accessories	1,597	285	116	1,196	0	0	0
K034	Modification of Eq/Metalworking Machinery	26	0	26	0	0	0	0
K036	Modification of Eq/Special Industry Machin	372	99	273	0	0	0	0
K039	Modification of Eq/Materials Handling Equi	2,547	0	2,547	0	0	0	0
K042	Modification of Eq/Fire, Rescue & Safety E	56	0	0	56	0	0	0
K043	Modification of Eq/Pumps & Compressors	60	0	60	0	0	0	0
K048	Modification of Eq/Valves	796	0	0	796	0	0	0
K049	Modification of Eq/Maintenance & Repair Sh	76	0	220	296	0	0	0
K054	Modification of Eq/Prefab Structures	51	51	0	0	0	0	0
K056	Modification of Eq/Construction Materials	326	0	326	0	0	0	0
K058	Modification of Eq/Communication Equipment	144,664	117	16,865	127,682	0	0	0
K059	Modification of Eq/Electrical & Elct Equip	56,115	559	1,481	54,032	0	43	0
K066	Modification of Eq/Instruments & Lab Equip	3,093	2,466	627	0	0	0	0
K067	Modification of Eq/Photographic Equipment	166	0	0	166	0	0	0
K069	Modification of Eq/Training Aids & Devices	66,669	0	569	66,100	0	0	0
K070	Modification of Eq/ADP Equip & Supplies	149,985	0	94	150,079	0	0	0
K071	Modification of Eq/Furniture	50	50	0	0	0	0	0
K084	Modification of Eq/Clothing - Individual	164	164	0	0	0	0	0
K099	Modification of Eq/Miscellaneous Equipment	74,918	2,637	722	71,559	0	0	0
L010	Tech Rep Svcs/Weapons	1,824	0	1,824	0	0	0	0
L011	Tech Rep Svcs/Nuclear Ordnance	437	437	0	0	0	0	0
L012	Tech Rep Svcs/Fire Control Equipment	1,881	0	1,881	0	0	0	0
L014	Tech Rep Svcs/Guided Missiles	201,783	173,401	7,726	20,656	0	0	0
L015	Tech Rep Svcs/Aircraft Structural Comps	79,490	6,484	37,174	35,832	0	0	0
L016	Tech Rep Svcs/Aircraft Comps & Accys	72,077	31	60,512	11,596	0	0	0
L017	Tech Rep Svcs/Aircraft Gnd Handling Equip	2,523	94	2,429	0	0	0	0
L018	Tech Rep Svcs/Space Vehicles	34,998	0	119	34,879	0	0	0
L019	Tech Rep Svcs/Ships-Sml Craft-Docks	60,940	50,972	9,968	0	0	0	0
L020	Tech Rep Svcs/Ship & Marine Equipment	8,411	0	8,261	150	0	0	0
L024	Tech Rep Svcs/Tractors	430	0	0	430	0	0	0
L025	Tech Rep Svcs/Vehicular Equipment Comps	350	350	0	0	0	0	0
L028	Tech Rep Svcs/Engines, Turbines & Comps	6,624	878	2,530	3,216	0	0	0
L029	Tech Rnp Svcs/Engine Accessories	346	0	346	0	0	0	0
L030	Tech Rep Svcs/Mech Power Trans Equipment	261	235	26	0	0	0	0
L041	Tech Rep Svcs/Refrigeration, Air Cond Equi	173	38	135	0	0	0	0
L043	Tech Rnp Svcs/Pumps & Compressors	36	0	36	0	0	0	0
L049	Tech Rep Svcs/Maintenance & Repair Shop Eq	403	403	0	0	0	0	0
L058	Tech Rep Svcs/Communication Equipment	47,319	16,400	29,368	1,551	0	0	0
L059	Tech Rnp Svcs/Electrical & Elct Equip Comp	8,849	1,814	6,052	983	0	0	0
L060	Tech Rep Svcs/Fiber Optic Mats & Comps	303	52	251	0	0	0	0
L061	Tech Rep Svcs/Power Distribution Equipment	341	0	341	0	0	0	0
L065	Tech Rep Svcs/Medical & Dental Equipment	108	0	0	108	0	0	0
L066	Tech Rep Svcs/Instruments & Lab Equipment	184	0	184	0	0	0	0
L069	Tech Rep Svcs/Training Aids & Devices	8,184	2,327	5,857	0	0	0	0
L070	Tech Rep Svcs/ADP Equip & Supplies	22,909	426	5,896	16,530	0	57	0
L076	Tech Rep Svcs/Books-Maps-Pubs	36	0	36	0	0	0	0
L085	Tech Rep Svcs/Toiletries	223	0	223	0	0	0	0

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
L099	Tech Rep Svcs/Miscellaneous Equipment	119,625	56,125	55,743	7,125	0	632	0
M111	Operation/Office Buildings	7,371	7,128	85	0	0	0	158
M119	Operation/Other Administrative & Service B	500,583	96,623	7,802	395,668	0	490	0
M121	Operation/Air Traffic Control Towers	721	98	0	623	0	0	0
M123	Operation/Radar & Navigational Facilities	145,024	2,000	10,055	132,969	0	0	0
M124	Operation/Airport Runways	1,064	435	0	629	0	0	0
M125	Operation/Airport Terminals	25,307	1,364	22,915	1,028	0	0	0
M126	Operation/Missile System Facilities	5,848	0	0	5,848	0	0	0
M127	Operation/Electronic & Communication Facil	381,967	29,584	46,034	306,349	0	0	0
M129	Operation/Other Airfield Structures	2,792	708	0	2,084	0	0	0
M131	Operation/Schools	15-	47	0	0	0	62-	0
M139	Operation/Other Educational Buildings	439	0	0	439	0	0	0
M142	Operation/Laboratories & Clinics	500	500	0	0	0	0	0
M149	Operation/Other Hospital Buildings	562	0	0	562	0	0	0
M151	Operation/Ammunition Facilities	979,629	979,629	0	0	0	0	0
M152	Operation/Maintenance Buildings	147,812	147,812	0	0	0	0	0
M155	Operation/Tank-Automotive Facilities	5,258	5,258	0	0	0	0	0
M159	Operation/Other Industrial Buildings	95,851	92,729	0	3,122	0	0	0
M161	Operation/Family Housing Facilities	5,018	0	0	5,018	0	0	0
M162	Operation/Recreational Buildings	69	35	34	0	0	0	0
M163	Operation/Troop Housing Facilities	44-	0	0	44-	0	0	0
M164	Operation/Dining Facilities	1,544	1,191	94	259	0	0	0
M171	Operation/Ammunition Storage Buildings	7,022	0	7,022	0	0	0	0
M173	Operation/Fuel Storage Buildings	33,720	267	0	315	33,138	0	0
M179	Operation/Other Warehouse Buildings	19,720	12,410	7,143	167	0	0	0
M181	Operation/Govt-Owned Contractor-Operated R	140,350	33,244	48,933	57,398	0	775	0
M182	Operation/Govt-Owned Government-Operated R	14,114	0	0	14,114	0	0	0
M191	Operation/Museums & Exhibition Buildings	99	0	0	0	0	99	0
M192	Operation/Testing & Measurement Buildings	41,780	1,235	0	40,545	0	0	0
M199	Operation/Other Miscellaneous Buildings	227,591	127,883	112	89,755	1,174	8,667	0
M211	Operation/Dams	164	0	0	0	0	164	0
M219	Operation/Other Conservation & Dev Facilit	1,871	0	0	0	0	1,871	0
M222	Operation/Highways, Roads, Streets, & Brid	98	0	0	0	0	98	0
M241	Operation/Fuel Supply Facilities	900	900	0	0	0	0	0
M242	Operation/Heating & Cooling Plants	5,410	2,035	0	3,375	0	0	0
M244	Operation/Sewage & Waste Facilities	159	0	0	159	0	0	0
M245	Operation/Water Supply Facilities	862	0	0	862	0	0	0
M249	Operation/Other Utilities	989	0	358	631	0	0	0
M291	Operation/Recreation Facilities (Non-Build	29	29	0	0	0	0	0
M293	Operation/Unimproved Real Property (Land)	731	0	0	731	0	0	0
M294	Operation/Waste Treatment & Storage Facili	37	0	0	0	0	37	0
M299	Operation/All Other Non-Building Facilitie	44,151	6,520	28,916	8,368	0	347	0
N010	Installation of Eq/Weapons	7,825	0	7,825	0	0	0	0
N012	Installation of Eq/Fire Control Equipment	155	0	110	0	0	0	45
N014	Installation of Eq/Guided Missiles	3,418	0	3,418	0	0	0	0
N015	Installation of Eq/Aircraft Structural Com	63,071	3,057	60,014	0	0	0	0
N028	Installation of Eq/Engines, Turbines & Com	3,050	50	3,000	0	0	0	0
N036	Installation of Eq/Special Industry Machin	477	389	0	0	0	88	0
N038	Installation of Eq/Construction Equipment	6,690	0	6,660	30	0	0	0
N039	Installation of Eq/Materials Handling Equi	474	474	0	0	0	0	0
N041	Installation of Eq/Refrigeration, Air Cond	56	56	0	0	0	0	0
N042	Installation of Eq/Fire, Rescue & Safety E	248	111	0	137	0	0	0
N043	Installation of Eq/Pumps & Compressors	149	0	0	0	0	149	0
N045	Installation of Eq/Plumbing & Heating Equi	253	49	0	204	0	0	0
N046	Installation of Eq/Water Purification Equi	59	59	0	0	0	0	0
N047	Installation of Eq/Pipe-Tubing-Hose-Fittin	52	0	0	52	0	0	0
N049	Installation of Eq/Maintenance & Repair Sh	69	0	40	29	0	0	0
N058	Installation of Eq/Communication Equipment	175,695	1,527	141,411	32,685	0	72	0
N059	Installation of Eq/Electrical & Elct Equip	45,239	224	44,121	541	0	0	353
N060	Installation of Eq/Fiber Optic Mats & Comp	3,779	0	279	3,500	0	0	0
N061	Installation of Eq/Power Distribution Equi	2,208	536	0	93	0	1,579	0
N062	Installation of Eq/Lighting Fixtures & Lam	161	0	0	101	60	0	0
N063	Installation of Eq/Alarm & Signal Systems	1,307	944	84	167	0	0	112
N065	Installation of Eq/Medical & Dental Equipm	1,560	0	1,560	0	0	0	0
N066	Installation of Eq/Instruments & Lab Equip	68	0	0	68	0	0	0
N067	Installation of Eq/Photographic Equipment	33	0	0	0	0	0	33
N069	Installation of Eq/Training Aids & Devices	5,048	0	5,048	0	0	0	0
N070	Installation of Eq/ADP Equip & Supplies	28,873	64	1,163	27,118	0	34	494
N071	Installation of Eq/Furniture	1,107	305	0	802	0	0	0
N072	Installation of Eq/Household Furnishings	866	0	0	866	0	0	0
N073	Installation of Eq/Food Prep & Serving Equ	239	0	0	239	0	0	0
N074	Installation of Eq/Office Machines	112	29	0	83	0	0	0
N075	Installation of Eq/Office Supplies & Devic	31	31	0	0	0	0	0
N078	Installation of Eq/Recreational Equipment	35	35	0	0	0	0	0
N080	Installation of Eq/Brushes-Paints-Sealers	412	412	0	0	0	0	0
N099	Installation of Eq/Miscellaneous Equipment	66,309	31,562	32,055	1,978	0	0	714

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
P100	Prep & Disposal of Excess & Surplus Proper	71,870	354	153	95	71,268	0	0
P300	Salvage of Marine Vessels	707	0	0	0	0	707	0
P400	Demolition of Buildings	10,349	2,355	41-	4,075	0	3,960	0
P500	Demolition of Structures or Fac (Other tha	974	791	45	99	39	0	0
P999	Other Salvage Services	40,631	13	39,219	1,392	0	37-	44
Q101	Dependent Medicare Services	131,659	0	0	0	0	0	131,659
Q201	General Health Care Services	100,467	43,448	48,367	8,375	68	209	0
Q301	Laboratory Testing Services	23,943	19,418	2,277	987	0	1,261	0
Q401	Nursing Services	15,866	11,104	1,349	4,379	34	0	0
Q403	Evaluation & Screening	120	71	0	0	0	49	0
Q501	Anesthesiology Services	1,443	420	0	1,023	0	0	0
Q502	Cardio-Vascular Services	1,883	155	0	1,728	0	0	0
Q503	Dentistry Services	19,861	7,527	7,378	4,956	0	0	0
Q507	Gynecology	11,123	440	8,900	1,783	0	0	0
Q508	Hematology Services	855	743	0	112	0	0	0
Q509	Internal Medicine Services	1,519	882	637	0	0	0	0
Q510	Neurology Services	146	146	0	0	0	0	0
Q511	Ophthalmology Services	27	27	0	0	0	0	0
Q512	Optometry Services	87	87	0	0	0	0	0
Q513	Orthopedic Services	1,089	448	641	0	0	0	0
Q514	Otolaryngology Services	168	168	0	0	0	0	0
Q515	Pathology Services	4,207	2,902	38	1,267	0	0	0
Q516	Pediatric Services	1,207	90	914	203	0	0	0
Q517	Pharmacology Services	2,195	707	1,488	0	0	0	0
Q518	Physical Medicine & Rehabilitation Service	645	57	26	562	0	0	0
Q519	Psychiatry Services	16,409	15,623	106	648	0	32	0
Q521	Pulmonary Services	239	239	0	0	0	0	0
Q522	Radiology Services	22,220	10,616	5,421	6,183	0	0	0
Q523	Surgery Services	192	192	0	0	0	0	0
Q525	Urology Services	95	52	43	0	0	0	0
Q526	Medical/Psychiatric Consultation Services	1,874	1,500	263	0	0	0	111
Q527	Nuclear Medicine	428	428	0	0	0	0	0
Q999	Other Medical Services	87,472	28,084	51,468	7,389	0	29	502
R404	Land Surveys, Cadastral Services (Non-Cons	15,016	1,420	5,127	4,984	0	3,198	287
R405	Operations Research Services	12,707	402	2,428	5,994	2,959	0	924
R406	Policy Review/Development Services	5,269	3,041	2,228	0	0	0	0
R407	Program Evaluation Services	39,113	227	4,244	31,345	0	0	3,297
R408	Program Management/Support Services	967,973	144,796	397,496	417,363	0	418	7,900
R409	Program Review/Development Services	31,817	3,457	23,043	4,650	0	0	667
R411	Real Property Appraisal Services (SIC 8531	1,777	29	104	0	0	1,644	0
R412	Simulation	11,290	2,949	6,166	2,175	0	0	0
R413	Specifications Development Services	12,004	1,053	8,192	2,759	0	0	0
R414	Systems Engineering Services	1,290,666	91,265	403,741	786,605	0	0	9,055
R415	Technology Sharing/Utilization Services	40,636	6,132	3,869	5,349	25,011	0	275
R416	Veterinary/Animal Care Services	819	114	0	705	0	0	0
R418	Legal Services	4,314	0	282	125	0	3,837	70
R419	Educational Services	12,740	7,364	2,136	2,977	32	0	231
R421	Certifications & Accreditations	575	77	0	164	0	0	135
R421	Technical Assistance	80,774	28,203	12,166	20,250	137	362	19,656
R422	Telephone & Field Interview Services	2,623	0	0	102	0	0	2,521
R423	Intelligence Services	6,460	811	134	5,515	0	0	0
R424	Expert Witness	1,678	77	1,061	0	160	380	0
R425	Engineering Technical Services	1,817,671	526,066	831,260	447,547	0	376	12,422
R426	Communications Services	51,261	2,010	18,562	8,112	0	30	22,547
R427	Weather Reporting/Observation Services	425	0	0	364	0	61	0
R428	Industrial Hygienics	1,108	70	1,038	0	0	0	0
R497	Personal Services	3,655	0	0	3,655	0	0	0
R499	Other Professional Services	408,348	81,313	93,774	166,944	0	7,358	58,959
R602	Courier & Messenger Services	1,301	223	956	58	0	26	38
R603	Transcription Services	2,697	88	1,353	604	0	0	652
R604	Mailing & Distribution Services	10,127	1,366	2,608	5,454	79	620	0
R605	Library Services	3,455	346	2,787	188	0	0	134
R607	Word Processing/Typing Services	1,624	637	450	507	0	0	30
R608	Translation & Interpreting Services	835	88	0	704	0	0	43
R609	Stenographic Services	76	0	51	0	0	0	25
R610	Personal Property Management Services	890	0	525	43	0	322	0
R611	Credit Reporting Services	993	236	34	312	32	379	0
R612	Information Retrieval Services	1,212	295	122	284	0	0	511
R699	Other Administrative Support Services	30,246	8,875	10,359	10,400	0	63	549
R701	Advertising Services	102,021	12,083	13,910	11,664	0	1,061	63,303
R702	Data Collection Services	121,453	18,822	101,927	50	0	472	182
R703	Accounting or Financial Services	17,139	233	515	901	0	0	15,490
R704	Auditing Services	7,639	4,402	336	2,775	0	0	126
R706	Logistics Support Services	537,076	66,549	426,954	42,208	0	1,065	0
R707	Contract, Procurement & Acquisition Suppor	32,808	2,939	7,806	22,063	0	0	0
R708	Public Relations Services	6,552	70	6,142	340	0	0	0

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
R709	Ongoing Audit Operations Support Services	560	0	560	0	0	0	0
R799	Other Management Support Services	450,661	70,312	340,384	32,542	0	613	6,809
S111	Gas Services	202,639	111,696	573	88,776	1,289	0	305
S112	Electric Services	897,564	397,922	450	490,991	4,873	600	2,728
S113	Telephone and/or Communications Services	309,819	67,718	2,257	39,137	0	182	200,525
S114	Water Services	84,864	32,048	10,102	42,507	0	207	0
S119	Other Utilities	183,222	144,897	2,799	33,983	501	0	1,042
S201	Custodial - Janitorial Services	335,160	134,825	90,248	98,672	4,634	4,640	2,141
S202	Fire Protection Services	5,689	976	3,888	825	0	0	0
S203	Food Services	340,393	149,458	88,538	102,336	0	61	0
S204	Fueling & Other Petroleum Svcs-Excluding	15,282	7,975	302	7,005	0	0	0
S205	Trash/Garbage Collection Svcs-Incl Port S	106,255	38,463	34,981	30,099	278	2,124	310
S206	Guard Services	136,918	70,028	42,278	8,727	184	4,336	11,365
S207	Insect & Rodent Control Services	2,001	977	406	554	0	64	0
S208	Landscaping/Groundskeeping Services	83,846	24,505	26,241	22,974	0	9,482	644
S209	Laundry & Dry Cleaning Services	45,960	27,351	12,989	5,337	0	241	42
S211	Surveillance Services	1,589	214	316	0	0	747	312
S212	Solid Fuel Handling Services	137	80	57	0	0	0	0
S214	Carpet Laying & Cleaning Services	1,100	270	0	830	0	0	0
S215	Warehousing & Storage Services	35,879	1,877	19,299	13,714	0	28	961
S216	Facilities Operations Support Services	447,033	89,316	119,110	235,375	0	3,032	200
S217	Interior Plantscaping Services	105	0	30	0	0	75	0
S218	Snow Removal/Salt Services	1,268	214	136	752	0	0	166
S222	Waste Treatment & Storage Services	9,205	5,941	1,805	861	0	364	234
S299	Other Housekeeping Services	193,370	23,966	87,759	70,391	32	9,436	1,786
T001	Arts/Graphics Services	15,449	2,203	11,359	628	0	0	1,259
T002	Cartography Services	28,193	19,682	3,529	0	0	0	4,982
T003	Cataloging Services	119	0	49	0	0	0	70
T004	Charting Services	2,838	0	0	0	0	0	2,838
T005	Film Processing Services	3,127	38	444	2,645	0	0	0
T006	Film/Video Tape Production Services	6,995	3,079	1,484	0	28	0	2,404
T007	Microform Services	1,187	285	641	181	32	48	0
T008	Photogrammetry Services	616	0	0	0	0	616	0
T009	Aerial Photographic Services	763	29	0	0	0	734	0
T010	General Photographic Services - Still	15,728	381	372	14,975	0	0	0
T011	Print/Binding Services	1,180	829	116	192	43	0	0
T012	Reproduction Services	3,012	847	248	1,570	0	109	238
T013	Technical Writing Services	27,317	4,256	13,247	9,764	0	0	50
T014	Topography Services	470	0	259	0	0	211	0
T015	General Photographic Services - Motion	947	499	0	1,446	0	0	0
T016	Audio/Visual Services	13,492	5,023	1,953	6,474	0	0	42
T099	Other Photographic Mapping, Printing, & Pu	11,664	1,517	1,818	3,604	60	70	4,595
U001	Lectures for Training	7,599	97	6,943	520	39	0	0
U002	Personnel Testing	22,365	80	20,438	167	0	0	1,680
U003	Reserve Training (Military)	1,489	1,198	38	253	0	0	0
U004	Scientific & Management Education	4,501	0	3,423	699	0	327	52
U005	Tuition, Registration & Membership Fees	100,534	50,515	24,733	25,253	0	0	33
U006	Vocational/Technical	124,211	4,925	74,104	45,037	0	145	0
U007	Faculty Salaries for Dependent Schools	22,345	16,189	0	6,156	0	0	0
U008	Training/Curriculum Development	11,886	802	10,522	0	0	0	562
U009	Education Services	373,966	244,799	82,270	45,292	187	1,004	414
U010	Certifications & Accreditations	195	111	0	0	0	0	84
U099	Other Education & Training Services	43,230	30,615	7,772	1,882	586	54	2,321
V002	Motor Pool Operations	21,061	6,729	7,606	5,725	0	1,001	0
V003	Packing/Crating Services	10,016	1,739	3,044	2,701	2,532	0	0
V111	Air Freight	27,300	0	23,218	2,860	0	0	1,222
V112	Motor Freight	5,434	3,567	1,779	88	0	0	0
V113	Rail Freight	53	53	0	0	0	0	0
V114	Stevedoring	287,961	248,357	38,588	1,016	0	0	0
V115	Vessel Freight	712,679	4,811	707,899	31-	0	0	0
V119	Other Cargo & Freight Services	30,307	7,859	13,213	8,616	80	56	483
V121	Air Charter for Things	791,399	0	23,915	767,484	0	0	0
V122	Motor Charter for Things	1,385	961	340	84	0	0	0
V123	Rail Charter for Things	4,190	0	4,190	0	0	0	0
V124	Marine Charter For Things	1,306,081	0	1,306,051	0	0	30	0
V125	Vessel Towing Services	3,300	35	3,265	0	0	0	0
V129	Other Vehicle Charter for Transportation o	12,474	382	1,577	10,379	0	136	0
V211	Air Passenger Service	63,211	0	351	62,860	0	0	0
V212	Motor Passenger Service	17,958	15,812	208	1,938	0	0	0
V221	Passenger Air Charter Service	1,253,005	0	2,685	1,250,320	0	0	0
V222	Passenger Motor Charter Service	20,662	11,516	1,566	7,354	0	0	226
V224	Passenger Marine Charter Service	109	0	109	0	0	0	0
V225	Ambulance Service	2,234	2,199	35	0	0	0	0
V226	Taxicab Services	150	150	0	0	0	0	0
V231	Lodging - Hotel/Motel	41,980	13,508	26,541	827	26	0	1,078
V241	Military Personnel Recruitment	12,213	11,035	675	503	0	0	0

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
V301	Relocation Services	15,315	14,891	0	0	0	64	1,360
V302	Travel Agent Services	206	206	0	0	0	0	0
V999	Other Transportation Travel & Relocation S	10,203	5,259	371	4,484	0	0	89
W015	Lease or Rental of Eq/Aircraft Structural	1,979	438	287	1,254	0	0	0
W018	Lease or Rental of Eq/Space Vehicles	2,580	0	2,580	0	0	0	0
W019	Lease or Rental of Eq/Ships-Sml Craft-Dock	5,759	0	741	0	0	5,018	0
W020	Lease or Rental of Eq/Ship & Marine Equipm	783	56	673	0	0	54	0
W022	Lease or Rental of Eq/Railway Equipment	43	43	0	0	0	0	0
W023	Lease or Rental of Eq/Vehicles-Trailers-Cy	61,086	47,386	8,493	4,361	110	67	669
W024	Lease or Rental of Eq/Tractors	708	80	628	0	0	0	0
W028	Lease or Rental of Eq/Engines, Turbines &	253	0	253	0	0	0	0
W029	Lease or Rental of Eq/Engine Accessories	63	0	0	0	0	63	0
W030	Lease or Rental of Eq/Mech Power Trans Equ	146	0	146	0	0	0	0
W034	Lease or Rental of Eq/Metalworking Machine	165	0	165	0	0	0	0
W035	Lease or Rental of Eq/Service & Trade Equi	1,349	289	811	249	0	0	0
W036	Lease or Rental of Eq/Special Industry Mac	20,177	1,599	14,033	3,808	121	461	155
W038	Lease or Rental of Eq/Construction Equipme	17,309	5,777	7,946	211	0	3,375	0
W039	Lease or Rental of Eq/Materials Handling E	6,192	2,279	2,886	834	193	0	0
W041	Lease or Rental of Eq/Refrigeration, Air C	1,234	895	289	50	0	0	0
W042	Lease or Rental of Eq/Fire, Rescue & Safet	140	140	0	0	0	0	0
W043	Lease or Rental of Eq/Pumps & Compressors	1,028	0	994	34	0	0	0
W044	Lease or Rental of Eq/Furnace-Steam Plant-	485	0	485	0	0	0	0
W045	Lease or Rental of Eq/Plumbing & Heating E	21,124	20,932	100	92	0	0	0
W046	Lease or Rental of Eq/Water Purification E	1,395	115	1,280	0	0	0	0
W049	Lease or Rental of Eq/Maintenance & Repair	287	27	260	0	0	0	0
W052	Lease or Rental of Eq/Measuring Tools	639	0	0	639	0	0	0
W054	Lease or Rental of Eq/Prefab Structures	4,119	1,917	1,336	834	32	0	0
W058	Lease or Rental of Eq/Communication Equipm	173,394	1,942	47,972	5,218	0	28	118,234
W059	Lease or Rental of Eq/Electrical & Elct E	64	0	0	0	0	0	0
W061	Lease or Rental of Eq/Power Distribution E	365	329	36	0	0	0	0
W062	Lease or Rental of Eq/Lighting Fixtures &	106	106	0	0	0	0	0
W063	Lease or Rental of Eq/Alarm & Signal Syste	1,968	1,219	0	677	0	0	72
W065	Lease or Rental of Eq/Medical & Dental Equ	5,968	4,055	1,238	675	0	0	0
W066	Lease or Rental of Eq/Instruments & Lab Eq	1,352	570	385	361	0	36	0
W067	Lease or Rental of Eq/Photographic Equipme	1,340	245	1,052	0	0	43	0
W068	Lease or Rental of Eq/Chemical Products	104	0	0	104	0	0	0
W069	Lease or Rental of Eq/Training Aids & Devi	6,664	6,528	0	84	52	0	0
W070	Lease or Rental of Eq/ADP Equip & Supplies	30,443	4,950	6,079	19,266	0	191	43-
W071	Lease or Rental of Eq/Furniture	480	0	0	480	0	0	0
W072	Lease or Rental of Eq/Household Furnishing	1,518	987	303	228	0	0	0
W073	Lease or Rental of Eq/Food Prep & Serving	1,113	46	1,001	66	0	0	0
W074	Lease or Rental of Eq/Office Machines	19,124	7,772	5,419	5,375	129	309	120
W075	Lease or Rental of Eq/Office Supplies & De	260	0	48	71	0	0	141
W076	Lease or Rental of Eq/Books-Maps-Pubs	403	38	182	183	0	0	0
W079	Lease or Rental of Eq/Cleaning Equipment	152	120	32	0	0	0	0
W081	Lease or Rental of Eq/Containers-Packaging	432	241	191	0	0	0	0
W083	Lease or Rental of Eq/Textiles-Leather-Fur	1,763	1,576	0	187	0	0	0
W084	Lease or Rental of Eq/Clothing - Individua	107	45	62	0	0	0	0
W099	Lease or Rental of Eq/Miscellaneous Equipm	18,610	787	16,031	1,010	448	334	0
X111	Lease/Office Buildings	4,546	108	858	2,720	0	0	860
X112	Lease/Conference Space & Facilities	243	152	0	0	0	0	91
X119	Lease/Other Administrative & Service Build	1,055	45	195	815	0	0	0
X127	Lease/Electronic & Communication Facilitie	58	0	0	58	0	0	0
X129	Lease/Other Airfield Structures	41	0	41	0	0	0	0
X131	Lease/Schools	237	0	0	142	95	0	0
X139	Lease/Other Educational Buildings	431	313	0	118	0	0	0
X152	Lease/Maintenance Buildings	320	0	320	0	0	0	0
X159	Lease/Other Industrial Buildings	100	0	0	0	0	0	100
X161	Lease/Family Housing Facilities	17,177	310	0	16,867	0	0	0
X162	Lease/Recreational Buildings	176	176	0	0	0	0	0
X163	Lease/Troop Housing Facilities	2,053	0	1,270	783	0	0	0
X164	Lease/Dining Facilities	30	0	0	0	0	0	30
X169	Lease/Other Residential Buildings	12,308	12,279	0	29	0	0	0
X171	Lease/Ammunition Storage Buildings	427	427	0	0	0	0	0
X173	Lease/Fuel Storage Buildings	62,121	0	0	757	61,364	0	0
X174	Lease/Open Storage Facilities	49	0	49	0	0	0	0
X179	Lease/Other Warehouse Buildings	439	131	85	223	0	0	0
X199	Lease/Other Miscellaneous Buildings	1,241	394	58	189	0	0	0
X224	Lease/Parking Facilities Construction	171	171	0	0	0	0	0
X241	Lease/Fuel Supply Facilities	80	0	0	80	0	0	0
X244	Lease/Sewage & Waste Facilities	55	55	0	0	0	0	0
X249	Lease/Other Utilities	33	0	0	0	0	33	0
X291	Lease/Recreation Facilities (Non-Building)	65	0	0	0	0	0	65
X299	Lease/All Other Non-Building Facilities	102,068	1,951	99,194	73	0	850	0
Y111	Office Buildings	74,150	41,452	28,371	1,960	745	1,307	315
Y112	Conference Space & Facilities	1,611	0	1,611	0	0	0	0



**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
Y119	Other Administrative & Service Buildings	433,642	196,123	166,967	58,449	111	11,992	0
Y121	Air Traffic Control Towers	4,414	4,174	89	151	0	0	0
Y122	Air Traffic Control Training Facilities	3,743	0	3,743	0	0	0	0
Y123	Radar & Navigational Facilities	25,972	507	21,240	3,250	0	975	0
Y124	Airport Runways	29,806	15,546	13,632	628	0	0	0
Y125	Airport Terminals	146	125	413	392	0	0	0
Y126	Missile System Facilities	9,322	916	6,235	2,171	0	0	0
Y127	Electronic & Communication Facilities	263,988	22,627	236,411	4,862	30	58	0
Y129	Other Airfield Structures	204,353	169,675	30,493	3,639	0	546	0
Y131	Schools	21,261	4,722	16,203	0	0	336	0
Y139	Other Educational Buildings	170,696	60,781	104,153	595	0	5,167	0
Y141	Hospitals & Infirmarys	16,892	14,050	1,465	1,265	0	112	0
Y142	Laboratories & Clinics	9,251	2,877	6,193	181	0	0	0
Y149	Other Hospital Buildings	138,064	65,386	72,685	7	0	0	0
Y151	Ammunition Facilities	25,050	9,086	15,615	349	0	0	0
Y152	Maintenance Buildings	98,076	55,262	39,468	3,103	0	243	0
Y153	Production Buildings	11,650	7,096	4,335	219	0	0	0
Y154	Ship Construction & Repair Facilities	4,421	0	4,421	0	0	0	0
Y155	Tank-Automotive Facilities	11,865	8,279	3,553	33	0	0	0
Y159	Other Industrial Buildings	144,729	62,837	79,353	1,867	0	672	0
Y161	Family Housing Facilities	196,670	63,629	124,373	7,833	82	753	0
Y162	Recreational Buildings	27,396	20,426	6,587	59	0	324	0
Y163	Troop Housing Facilities	117,077	96,077	17,575	3,425	0	0	0
Y164	Dining Facilities	11,429	3,113	8,316	0	0	0	0
Y165	Religious Facilities	8,948	4,438	4,340	170	0	0	0
Y169	Other Residential Buildings	118,343	85,543	31,222	510	0	0	1,068
Y171	Ammunition Storage Buildings	9,052	4,166	4,719	167	0	0	0
Y172	Food or Grain Storage Buildings	336	0	0	179	157	0	0
Y173	Fuel Storage Buildings	1,976	1,440	342	194	0	0	0
Y174	Open Storage Facilities	5,731	1,782	2,283	1,666	0	0	0
Y179	Other Warehouse Buildings	131,490	93,342	31,950	1,827	4,371	0	0
Y181	Government-Owned Contractor-Operated R&D F	2,050	1,843	207	0	0	0	0
Y182	Government-Owned Government-Operated R&D F	35,192	34,887	305	0	0	0	0
Y191	Museums & Exhibition Buildings	10,502	159	7,878	0	0	2,465	0
Y192	Testing & Measurement Buildings	116,691	97,829	13,245	5,617	0	0	0
Y199	Other Miscellaneous Buildings	986,684	774,089	173,906	13,178	0	25,511	0
Y211	Dams	237,522	60,890	47	0	0	176,585	0
Y212	Canals	25,318	181	0	0	0	25,137	0
Y213	Mine Fire Control Facilities	316	0	316	0	0	0	0
Y214	Mine Subsidence Control Facilities	99	99	0	0	0	0	0
Y215	Surface Mine Reclamation Facilities	459	0	0	0	0	459	0
Y216	Dredging	251,129	5,281	13,850	385	575	231,808	0
Y219	Other Conservation & Development Facilitie	405,340	17,154	2,187	160	0	385,839	0
Y221	Airport Service Roads	5,863	4,175	1,284	166	0	238	0
Y222	Highways, Roads, Streets, & Bridges	196,281	155,717	20,226	4,576	279	15,483	0
Y223	Tunnels & Subsurface Structures	23,638	4,309	2,598	0	0	16,731	0
Y224	Parking Facilities Construction	14,908	7,758	5,882	827	142	299	0
Y231	EPG - Coal	32	32	0	0	0	0	0
Y233	EPG - Geothermal	47	47	0	0	0	0	0
Y234	EPG - Hydro	273	0	0	0	0	273	0
Y236	EPG - Petroleum	96	0	96	0	0	0	0
Y239	EPG - Other, Including Transmission	7,770	6,554	656	82	0	478	0
Y241	Fuel Supply Facilities	54,806	20,531	32,222	2,005	0	48	0
Y242	Heating & Cooling Plants	14,056	8,350	5,560	146	0	0	0
Y243	Pollution Abatement & Control Facilities	6,181	2,140	1,674	1,823	0	544	0
Y244	Sewage & Waste Facilities	33,295	15,160	15,857	83	66	2,129	0
Y245	Water Supply Facilities	59,586	24,292	16,418	584	35	18,257	0
Y249	Other Utilities	65,194	27,629	34,357	1,729	148	1,331	0
Y291	Recreation Facilities (Non-Building)	19,697	892	3,274	1,034	0	14,497	0
Y292	Exhibit Design (Non-Building)	185	0	185	0	0	0	0
Y293	Unimproved Real Property (Land)	12,474	9,578	248	455	0	2,193	0
Y294	Waste Treatment & Storage Facilities	6,373	5,525	325	302	0	221	0
Y299	All Other Non-Building Facilities	558,739	163,988	105,556	13,827	0	275,368	0
Y300	Restoration Activities	723	166	557	0	0	0	0
Z111	Maint/Office Buildings	219,214	37,953	47,662	123,001	64	1,259	9,275
Z112	Maint/Conference Space & Facilities	791	264	50	141	0	0	336
Z119	Maint/Other Administrative & Service Build	265,045	81,377	72,712	109,840	32	845	239
Z121	Maint/Air Traffic Control Towers	4,854	106	1,537	3,211	0	0	0
Z122	Maint/Air Traffic Control Training Facilit	13,472	1,613	5,167	6,692	0	0	0
Z123	Maint/Radar & Navigational Facilities	5,962	0	1,434	4,528	0	0	0
Z124	Maint/Airport Runways	106,273	25,540	22,348	58,385	0	0	0
Z125	Maint/Airport Terminals	9,037	162	3,327	5,548	0	0	0
Z126	Maint/Missile System Facilities	7,181	214	642	6,325	0	0	0
Z127	Maint/Electronic & Communication Facilitie	53,414	2,877	7,111	41,979	0	135	1,312
Z129	Maint/Other Airfield Structures	75,676	26,762	20,853	28,061	0	0	0
Z131	Maint/Schools	21,418	11,358	5,441	3,966	0	653	0

**TABLE 4-2**  
**Other Services and Construction**  
**by DoD Component**  
**Fiscal Year 1991**

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
Z139	Maint/Other Educational Buildings	34,249	5,820	15,823	12,606	0	0	0
Z141	Maint/Hospitals & Infirmarys	60,367	20,683	14,519	22,582	0	2,583	0
Z142	Maint/Laboratories & Clinics	15,634	7,293	3,866	4,475	0	0	0
Z149	Maint/Other Hospital Buildings	18,504	9,863	6,105	2,536	0	0	0
Z151	Maint/Ammunition Facilities	15,127	5,489	5,150	4,403	0	85	0
Z152	Maint/Maintenance Buildings	108,081	31,481	40,053	36,343	0	204	0
Z153	Maint/Production Buildings	33,103	833	30,603	1,667	0	0	0
Z154	Maint/Ship Construction & Repair Facilitie	11,196	1,146	3,744	6,306	0	0	0
Z155	Maint/Tank-Automotive Facilities	2,675	1,138	1,112	389	36	0	0
Z159	Maint/Other Industrial Buildings	132,027	20,448	52,078	59,473	28	0	0
Z161	Maint/Family Housing Facilities	497,369	137,350	120,294	238,492	167	1,066	0
Z162	Maint/Recreational Buildings	31,107	13,070	4,917	13,033	0	87	0
Z163	Maint/Troop Housing Facilities	148,852	77,490	40,961	30,401	0	0	0
Z164	Maint/Dining Facilities	36,625	6,886	16,826	12,913	0	0	0
Z165	Maint/Religious Facilities	4,869	803	192	3,874	0	0	0
Z166	Maint/Prison Facilities	96	0	119	215	0	0	0
Z169	Maint/Other Residential Buildings	49,957	11,745	22,234	15,110	0	868	0
Z171	Maint/Ammunition Storage Buildings	8,159	2,964	3,437	1,758	0	0	0
Z172	Maint/Food or Grain Storage Buildings	5,736	643	3,889	1,204	0	0	0
Z173	Maint/Fuel Storage Buildings	9,861	472	1,314	8,075	0	0	0
Z174	Maint/Open Storage Facilities	4,196	201	673	3,322	0	0	0
Z179	Maint/Other Warehouse Buildings	64,783	20,574	18,055	20,381	5,355	418	0
Z181	Maint/Government-Owned Contractor-Operated	341	0	0	341	0	0	0
Z182	Maint/Government-Owned Government-Operated	25,853	4,271	2,299	19,283	0	0	0
Z183	GOCO Environmental Laboratories	923	923	0	0	0	0	0
Z184	GOGO Environmental Laboratories	62	62	0	0	0	0	0
Z191	Maint/Museums & Exhibition Buildings	2,305	1,252	878	175	0	0	0
Z192	Maint/Testing & Measurement Buildings	4,997	2,099	691	2,160	0	47	0
Z199	Maint/Other Miscellaneous Buildings	598,051	188,163	247,818	156,782	2,745	2,543	0
Z211	Maint/Dams	11,577	200	32	1,141	0	10,204	0
Z212	Maint/Canals	3,589	26	0	385	0	3,178	0
Z213	Maint/Mine Fire Control Facilities	648	648	0	0	0	0	0
Z214	Maint/Mine Subsidence Control Facilities	416	0	78	338	0	0	0
Z215	Maint/Surface Mine Reclamation Facilities	527	0	77	450	0	0	0
Z216	Maint/Dredging	57,941	0	2,766	86	0	55,089	0
Z219	Maint/Other Conservation & Development Fac	81,166	16,376	1,274	3,744	0	59,772	0
Z221	Maint/Airport Service Roads	28,872	18,133	1,333	9,406	0	0	0
Z222	Maint/Highways, Roads, Streets, & Bridges	215,296	54,654	50,766	82,669	5,026	22,181	0
Z223	Maint/Tunnels & Subsurface Structures	43,758	0	41,175	2,583	0	0	0
Z224	Maint/Parking Facilities Construction	22,833	6,220	7,305	9,213	0	95	0
Z231	Maint/EPG - Coal	163	106	0	57	0	0	0
Z232	Maint/EPG - Gas	1,115	157	0	797	0	161	0
Z233	Maint/EPG - Geothermal	199	0	0	199	0	0	0
Z234	Maint/EPG - Hydro	1,793	0	0	85	0	1,708	0
Z236	Maint/EPG - Petroleum	1,035	0	979	56	0	0	0
Z239	Maint/EPG - Other, Including Transmission	22,058	7,890	9,044	1,278	84	3,762	0
Z241	Maint/Fuel Supply Facilities	40,568	14,322	14,440	11,682	0	124	0
Z242	Maint/Heating & Cooling Plants	43,350	10,042	18,453	14,643	212	0	0
Z243	Maint/Pollution Abatement & Control Facili	20,311	1,587	2,358	16,366	0	0	0
Z244	Maint/Sewage & Waste Facilities	51,107	12,336	17,954	14,719	0	6,098	0
Z245	Maint/Water Supply Facilities	46,585	9,651	21,279	14,631	0	1,024	0
Z249	Maint/Other Utilities	135,565	34,161	71,723	28,246	0	1,435	0
Z291	Maint/Recreation Facilities (Non-Building)	17,221	3,524	3,478	9,137	0	1,082	0
Z292	Maint/Exhibit Design (Non-Building)	456	158	131	167	0	0	0
Z293	Maint/Unimproved Real Property (Land)	11,137	4,206	790	6,011	0	130	0
Z294	Maint/Waste Treatment & Storage Facilities	8,674	2,396	4,694	1,584	0	0	0
Z299	Maint/All Other Non-Building Facilities	446,330	52,307	286,220	53,726	8,357	43,281	2,439
Z300	Restoration Activities	1,954	1,634	0	320	0	0	0

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
1005	Guns, Through 30 mm	350,423	170,512	171,076	4,482	4,112	0	241
1010	Guns, Over 30 mm Up To 75 mm	30,298	30,132	136	0	30	0	0
1015	Guns, 75 mm Through 125 mm	62,957	50,870	8,977	2,518	592	0	0
1020	Guns, Over 125 mm Through 150 mm	51,481	31	51,420	0	30	0	0
1025	Guns, Over 150 mm Through 200 mm	21,359	19,100	2,018	0	241	0	0
1030	Guns, Over 200 mm Through 300 mm	493	199	294	0	0	0	0
1035	Guns, Over 300 mm	84	0	84	0	0	0	0
1040	Chemical Weapons and Equipment	418	162	256	0	0	0	0
1045	Launchers, Torpedo and Depth Charge	9,759	0	9,759	0	0	0	0
1055	Launchers, Rocket and Pyrotechnic	45,530	44,424	1,004	0	102	0	0
1075	Degaussing and Mine Sweeping Equipment	16,570	49	16,521	0	0	0	0
1080	Camouflage and Deception Equipment	50,149	46,200	3,031	918	0	0	0
1090	Assy Intrng Bltn Wpns In 2 or More Class	120	120	0	0	0	0	0
1095	Miscellaneous Weapons	358,358	7,058	349,791	753	756	0	0
1105	Nuclear Bombs	458	0	315	143	0	0	0
1115	Nuclear Warheads and Warhead Sections	1,187	607	0	580	0	0	0
1135	Fusing and Firing Devices, Nucl Ordnance	3,427	0	0	3,427	0	0	0
1140	Nuclear Components	241	241	0	0	0	0	0
1145	Explosive and Pyrotechnic Comps, Nucl Ord	1,960	1,960	0	0	0	0	0
1190	Specialized Test and Handling Eq, Nucl Ord	11,417	0	993	10,524	0	0	0
1195	Miscellaneous Nuclear Ordnance	5,409	4,523	100	786	0	0	0
1210	Fire Control Directors	55,014	0	55,014	0	0	0	0
1220	Fire Control Computing Sights & Devices	58,451	47,370	9,895	1,186	0	0	0
1230	Fire Control Systems, Complete	116,512	769	106,279	9,464	0	0	0
1240	Optical Sighting and Ranging Equipment	167,668	158,897	2,619	6,119	33	0	0
1250	Fire Control Stabilizing Mechanisms	711	0	711	0	0	0	0
1260	Fire Cntl Designating & Indicating Equip	22,559	17,977	2,581	1,971	30	0	0
1265	Fire Control Transmitting & Receiving Eq	19,817	10,927	8,890	0	0	0	0
1270	Aircraft Gunnery Fire Control Components	161,052	20,102	5,911	135,039	0	0	0
1280	Aircraft Bombing Fire Control Components	19,093	0	12,252	6,841	0	0	0
1285	Fire Control Radar Equip, Except Airborne	33,671	1,781	31,890	0	0	0	0
1287	Fire Control Sonar Equipment	12,286	0	12,286	0	0	0	0
1290	Miscellaneous Fire Control Equipment	69,184	21,341	45,384	2,459	0	0	0
1305	Ammunition, Through 30 mm	280,055	247,682	32,326	47	0	0	0
1310	Ammunition, Over 30 mm Up To 75 mm	43,363	43,297	66	0	0	0	0
1315	Ammunition, 75 mm Through 125 mm	630,901	630,525	376	0	0	0	0
1320	Ammunition, Over 125 mm	178,360	117,429	60,931	0	0	0	0
1325	Bombs	500,433	354,253	1,351	144,829	0	0	0
1330	Grenades	67,160	67,069	91	0	0	0	0
1336	Guided Msl Warheads and Explosive Comps	49,264	16,339	19,382	13,542	0	0	0
1337	Guide Msl & Space Veh Explo Un, Fuel, Comp	37,619	1,767	13	35,865	0	0	0
1338	Guide Msl and Sp Veh Inert Un, Fuel, Comp	6,117	3,442	2,675	0	0	0	0
1340	Rockets, Rocket Ammunition & Rocket Comps	76,063	69,271	3,096	3,696	0	0	0
1345	Land Mines	65,572	65,572	0	0	0	0	0
1350	Underwater Mine Inert Components	13,082	0	13,082	0	0	0	0
1351	Underwater Mine Explosive Components	5,400	0	4,873	0	0	0	527
1355	Torpedo Inert Components	258,833	0	258,833	0	0	0	0
1356	Torpedo Explosive Components	235,270	0	235,270	0	0	0	0
1360	Depth Charge Inert Components	953	0	953	0	0	0	0
1365	Military Chemical Agents	550	506	44	0	0	0	0
1370	Pyrotechnics	59,087	48,603	4,521	5,953	0	0	0
1375	Demolition Materials	8,958	7,162	1,756	40	0	0	0
1376	Bulk Explosives	127,477	125,977	827	0	0	0	673
1377	Cartridge & Propellant Actuated Ov & Comps	72,692	0	28,100	44,592	0	0	0
1385	Surface Use Explo Ord Disposal Tools & Eq	4,447	42	4,118	371	0	0	0
1386	Under Use Explo Ord Disposal Tools & Eq	2,951	0	2,951	0	0	0	0
1390	Fuses and Primers	140,543	131,164	455	8,924	0	0	0
1395	Miscellaneous Ammunition	4,058	3,525	522	0	0	0	0
1398	Specialized Ammo Handling and Svcing Equip	11,244	671	5,162	5,511	0	0	0
1410	Guided Missiles	3,579,608	322,223	1,821,973	1,435,407	0	0	0
1420	Guided Missile Components	1,065,139	179,716	753,530	131,557	336	0	0
1425	Guided Missile Items, Complete	1,686,492	204,678	1,409,391	72,423	0	0	0
1427	Guided Missile Subsystems	440,475	155,482	82,342	202,651	0	0	0
1430	Guided Missile Remote Control Systems	407,472	395,213	16,471	4,630	416	0	0
1440	Launchers, Guided Missile	479,155	194,944	271,516	12,236	459	0	0
1450	Guided Missile Handling & Servicing Equip	978,372	935,252	21,643	21,431	46	0	0
1510	Aircraft Fixed Wing	10,228,126	42,254	2,261,031	7,924,004	0	0	897
1520	Aircraft Rotary Wing	1,061,659	721,022	340,391	246	0	0	0
1550	Drones	78,096	1,220	18,420	58,446	0	0	0
1560	Airframe Structural Components	836,704	296,059	130,126	393,917	16,602	0	0
1610	Aircraft Propellers	25,717	1,895	8,101	13,757	1,964	0	0
1615	Helicopter Rotor Blades, Drive Mechanisms	446,772	354,001	87,795	2,614	2,362	0	0
1620	Aircraft Landing Gear Components	91,641	9,665	21,246	59,774	956	0	0
1620	Aircraft Wheel and Brake Systems	63,894	2,186	19,917	41,082	699	0	0
1650	Acft Hydraulic, Vacuum & De-icing Sys Comp	106,683	24,358	39,870	33,844	8,611	0	0
1660	Aircraft AC, Heating and Pressurizing Eq	83,670	4,524	26,823	52,110	213	0	0

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
1670	Parachutes and Cargo Tie Down Equipment	100,577	53,61	3,793	39,551	3,580	0	0
1680	Msl Aircraft Accessories and Components	1,174,379	365,045	379,529	421,540	8,265	0	0
1710	Aircraft Landing Equipment	10,862	0	15,747	1,115	0	0	0
1720	Aircraft Launching Equipment	21,156	323	29,823	0	0	0	0
1730	Aircraft Ground Servicing Equipment	119,206	19,544	55,089	42,740	1,833	0	0
1740	Airfield Specialized Trucks and Trailers	5,068	43	2,959	1,839	167	0	0
1810	Space Vehicles	187,042	0	912	196,120	0	0	0
1820	Space Vehicle Components	351,058	0	100	350,958	0	0	0
1830	Space Vehicle Remote Control Systems	91,693	0	78	91,617	0	0	0
1840	Space Vehicle Launchers	36,511	0	0	36,511	0	0	0
1900	Frigates and Corvettes	14,137	0	14,137	0	0	0	0
1901	Aircraft Carriers	51,034	0	51,034	0	0	0	0
1902	Cruisers	33,074	0	33,074	0	0	0	0
1903	Destroyers	1,618,525	0	1,618,525	0	0	0	0
1904	Submarines	1,840,922	0	1,840,922	0	0	0	0
1905	Combat Ships and Landing Vessels	1,161	1,161	0	0	0	0	0
1906	Minelayers and Minesweepers	242,009	0	242,009	0	0	0	0
1907	Landing Craft	217,181	0	217,181	0	0	0	0
1908	Torpedo Boats and Gun Boats	105,487	0	105,487	0	0	0	0
1910	Transport Vessels, Passenger and Troop	201,328	0	201,328	0	0	0	0
1911	Amphibious Assault Ships	183,711	0	183,711	0	0	0	0
1915	Cargo and Tanker Vessels	5,422	4,843	579	0	0	0	0
1920	Fishing Vessels	3,652	250	1,604	0	0	1,798	0
1921	Tugs and Towboats	167,935	0	167,935	0	0	0	0
1925	Special Service Vessels	1,873	0	1,873	0	0	0	0
1928	Salvage Vessels	472	0	0	0	0	472	0
1930	Barges and Lighters, Cargo	69	0	56	0	0	125	0
1935	Barges and Lighters, Special Purpose	38,930	2,635	35,251	522	0	522	0
1940	Small Craft	2,375	0	2,375	0	0	0	0
1945	Pontoons and Floating Docks	163	0	163	0	0	0	0
1950	Floating Drydocks	85	0	85	0	0	0	0
1955	Dredges	17,476	744	15,457	0	0	1,279	0
1990	Miscellaneous Vessels	81,813	0	79,477	0	2,052	275	0
2010	Ship and Boat Propulsion Equipment	2,246	0	2,246	0	0	0	0
2020	Rigging and Rigging Gear	1,275	534	557	0	184	0	0
2030	Deck Machinery	18,834	411	14,773	557	3,012	81	0
2040	Marine Hardware and Hull Items	4,135	0	4,135	0	0	0	0
2050	Buoys	78,218	0	76,408	0	1,223	587	0
2090	Miscellaneous Ship and Marine Equipment	2,268	268	0	0	0	0	0
2210	Locomotives	3,699	3,699	0	0	0	0	0
2220	Rail Cars	61	61	0	0	0	0	0
2230	Right-of-way Const and Maint Eq, Railroad	273	57	73	148	0	0	0
2240	Locomotive & Rail Car Accessories & Comps	81	26	55	0	0	0	0
2250	Track Material, Railroad	37,105	36,196	672	178	0	59	0
2305	Ground Effect Vehicles	8,197	3,767	1,736	2,985	0	178	31
2310	Passenger Motor Vehicles	1,137,427	1,113,821	3,994	18,525	212	848	27
2320	Trucks and Truck Tractors, Wheeled	123,667	118,997	746	3,851	0	73	0
2330	Trailers	1,342	368	200	742	0	32	0
2340	Motorcycles, Motor Scooters and Bicycles	2,373,800	2,351,440	22,360	0	0	0	0
2350	Combat Assault & Tactical Veh, Tracked	8,613	1,586	71	6,713	243	0	0
2410	Tractor, Full Tracked, Low Speed	4,993	6,507	4,774	0	2,972	298	0
2420	Tractors, Wheeled	385	0	0	385	0	0	0
2430	Tractors, Full Tracked, High Speed	47,291	38,410	1,876	1,399	5,295	0	311
2510	Vehicular Cab, Body, Frame Structural Comp	390,143	369,278	2,281	1,974	6,534	0	36
2520	Vehicular Power Transmission Components	338,418	319,929	1,210	230	17,509	0	0
2530	Vehicular Brake, Steering, Axle Wheel Comp	42,546	31,874	1,476	66	9,130	0	0
2540	Vehicular Furniture and Accessories	65,126	52,292	5,827	560	6,203	27	217
2590	Miscellaneous Vehicular Components	77,531	76,788	412	282	49	0	0
2610	Tires & Tubes, Pneumatic, Except Aircraft	45,289	70	7,447	37,714	58	0	0
2620	Tires and Tubes, Pneumatic, Aircraft	152	57	0	39	0	56	0
2630	Tires, Solid and Cushion	1,726	1,726	0	0	0	0	0
2640	Tire Rebuilding & Tire & Tube Repair Mats	3,903	960	1,563	0	1,380	0	0
2805	Gas Reciprocating Eng, Except Acft, Comps	2,430	2,351	57	101	133	0	0
2810	Gas Reciprocating Eng, Aircraft & Comps	264,583	219,816	29,573	2,973	11,860	355	0
2815	Diesel Engines and Components	6,180	27	1,513	0	1,640	0	0
2825	Steam Turbines and Components	1,119	0	0	0	1,119	0	0
2830	Water Turbines and Water Wheels & Comps	379,164	232,598	95,794	48,751	2,021	0	0
2835	Gas Turbines and Jet Eng, Ex Acft & Comps	3,319,175	422,645	961,789	1,923,635	11,106	0	0
2840	Gas Turbines and Jet Engines, Acft & Comps	3,327	3,004	323	0	0	0	0
2845	Rocket Engines and Components	4,359	0	4,359	0	0	0	0
2850	Gasoline Rotary Engines & Components	140,722	47	133,829	0	850	0	0
2895	Miscellaneous Engines and Components	37,238	22,45	482	1,204	12,061	38	0
2910	Engine Fuel Sys Components, Nonaircraft	123,138	37,48	15,975	57,145	2,538	0	0
2915	Engine Fuel System Components, Aircraft	44,600	29,157	26	2,793	11,924	0	0
2920	Engine Electrical Sys Comps, Nonaircraft	18,011	6,948	1,657	6,718	2,488	0	0
2925	Engine Electrical Sys Comps, Aircraft							

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
2930	Engine Cooling Sys Comps, Nonaircraft	13,352	10,476	358	419	2,815	0	0
2935	Engine Cooling Sys Components, Aircraft	4,700	108	1,892	2,305	611	0	0
2940	Eng Filters, Strainers & Cleaners, Nonacft	20,487	12,552	102	71	7,762	0	0
2945	Engine Air & Oil Filters - Aircraft	3,298	1,839	590	494	375	0	0
2950	Turbosuperchargers	842	339	396	0	107	0	0
2990	Misc Engine Accessories, Nonaircraft	9,643	5,586	1,875	435	1,747	0	0
2995	Misc Engine Accessories, Aircraft	51,278	11,502	25,369	12,690	1,662	55	0
3010	Torque Converters and Speed Changers	68,543	56,689	4,894	3,035	3,767	158	0
3020	Gears, Pulleys, Sprockets and Trans Chain	51,911	12,956	15,413	12,925	10,503	114	0
3030	Belting, Drive Belts, Fan Belts & Accys	431	75	0	60	296	0	0
3040	Miscellaneous Power Transmission Equip	60,956	27,080	11,555	13,785	8,484	52	0
3110	Bearings, Antifriction, Unmounted	62,840	15,853	16,661	15,997	14,329	0	0
3120	Bearings, Plain, Unmounted	27,565	4,070	10,883	5,794	6,784	34	0
3130	Bearings, Mounted	2,292	1,451	670	117	154	0	0
3220	Woodworking Machines	563	120	121	293	29	0	0
3405	Saws and Filing Machines	1,141	91	626	121	263	40	0
3408	Machining Centers & Way-type Machines	65,451	52,572	11,924	870	85	0	0
3410	Electrical & Ultrasonic Erosion Machines	445	317	98	30	0	0	0
3411	Boring Machines	1,615	283	219	679	289	145	0
3412	Broaching Machines	2,055	1,939	116	0	0	0	0
3413	Drilling and Tapping Machines	1,036	1,612	0	681	105	0	0
3414	Gear Cutting and Finishing Machines	478	478	0	0	0	0	0
3415	Grinding Machines	8,232	1,493	4,589	391	1,561	198	0
3416	Lathes	10,222	2,975	5,449	1,451	310	37	0
3417	Milling Machines	6,751	1,027	996	3,830	799	99	0
3418	Planers and Shapers	207	111	67	0	29	0	0
3419	Miscellaneous Machine Tools	6,820	5,235	214	458	913	0	0
3422	Rolling Mills and Drawing Machines	50	0	50	0	0	0	0
3424	Metal Heat Treating & Non-thermal Equip	1,646	71	1,125	450	0	0	0
3426	Metal Finishing Equipment	4,170	3,271	224	630	45	0	0
3431	Electric Arc Welding Equipment	8,853	6,656	1,112	432	653	0	0
3432	Electric Resistance Welding Equipment	185	28	122	35	0	0	0
3433	Gas Welding, Heat Cutting, & Metalizing Eq	827	73	210	233	311	0	0
3436	Welding Positioners and Manipulators	277	0	226	51	0	0	0
3438	Miscellaneous Welding Equipment	797	176	0	621	0	0	0
3439	Misc Welding, Soldering & Brazing Supply	2,693	0	931	580	1,182	0	0
3441	Bending and Forming Machines	2,557	60	365	1,936	196	0	0
3442	Hydraulic and Pneumatic Presses, Power Dr	771	198	573	0	0	0	0
3443	Mechanical Presses, Power Driven	940	339	67	534	0	0	0
3444	Manual Presses	183	48	0	0	135	0	0
3445	Punching and Shearing Machines	1,765	236	610	460	459	0	0
3446	Forging Machinery and Hammers	2,298	2,298	0	0	0	0	0
3448	Riveting Machines	57	0	0	57	0	0	0
3449	Msc Secondary Metal Forming & Cutting Mach	1,293	0	1,082	0	129	82	0
3450	Machine Tools, Portable	718	0	718	0	0	0	0
3455	Cutting Tools for Machine Tools	1,281	139	525	0	617	0	0
3460	Machine Tool Accessories	571	99	58	0	414	0	0
3465	Production Jigs, Fixtures and Templates	59	0	59	0	0	0	0
3470	Machine Shop Sets, Kits, and Outfits	166	97	69	0	0	0	0
3510	Laundry and Dry Cleaning Equipment	5,361	1,936	2,000	398	1,027	0	0
3520	Shoe Repairing Equipment	111	0	0	111	0	0	0
3530	Indust Sewing Mach & Mobile Tex Repr Shops	2,401	1,701	0	34	666	0	0
3540	Wrapping and Packaging Machinery	3,503	2,212	444	112	560	0	175
3590	Misc Service and Trade Equipment	6,095	867	1,882	2,938	0	407	0
3605	Food Products Machinery and Equipment	408	52	0	356	0	0	0
3610	Printing, Duplicating & Bookbinding Equip	55,924	10,791	16,925	18,380	1,495	1,037	7,296
3611	Industrial Marking Machines	282	35	128	0	119	0	0
3615	Pulp and Paper Industries Machinery	1,936	292	508	834	269	0	33
3620	Rubber & Plastic Working Machinery	2,272	780	1,492	0	0	0	0
3625	Textile Industries Machinery	146	64	42	0	40	0	0
3635	Crystal & Glass Industries Machinery	798	738	0	60	0	0	0
3640	Tobacco Manufacturing Machinery	112	64	48	0	0	0	0
3650	Chemical and Pharmaceutical Machinery	974	606	0	0	368	0	0
3655	Gas Generating and Dispensing Systems	17,130	443	6,496	9,100	1,091	0	0
3660	Industrial Size Reduction Machinery	1,101	77	958	66	0	0	0
3670	Specialized Circuit Board Manufacturing Mac	243	0	0	243	0	0	0
3680	Foundry Machinery, Related Equip & Sup	995	52	846	97	0	0	0
3685	Specialized Metal Container Mfg Mach & Eq	332	40	292	0	0	0	0
3690	Specialized Ammunition and Ordnance Mach	157	673	771	255	0	0	0
3693	Industrial Assembly Machines	98	59	39	0	0	0	0
3694	Clean Work Stations, Controlled Environ Eq	799	77	162	560	0	0	0
3695	Miscellaneous Special Industry Machinery	15,295	4,110	1,230	223	351	9,306	75
3710	Soil Preparation Equipment	121	0	0	121	0	0	0
3720	Harvesting Equipment	71	71	0	0	0	0	0
3740	Pest, Disease, and Frost Control Equipment	2,266	0	89	997	1,180	0	0
3750	Gardening Implements and Tools	3,802	1,893	531	1,353	0	25	0

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
3770	Saddlery, Harness, Whips and Furnishings	314	314	0	0	0	0	0
3805	Earth Moving and Excavating Equipment	16,540	1,162	149	767	14,258	204	0
3810	Cranes and Crane-shovels	10,046	1,815	2,653	176	5,082	320	0
3815	Crane and Crane-shovel Attachments	921	371	362	0	153	35	0
3820	Mining, Rock Drilling, Earth Boring Equip	7,482	2,261	229	301	4,300	391	0
3825	Road Clearing and Cleaning Equipment	35,659	787	633	754	23,323	162	0
3830	Truck and Tractor Attachments	875	375	0	114	386	0	0
3835	Petroleum Production & Distribution Equip	107	70	0	37	0	0	0
3895	Miscellaneous Construction Equipment	12,325	5,948	1,130	610	3,863	774	0
3910	Conveyors	7,575	389	377	6,624	185	0	0
3915	Materials Feeders	306	90	216	0	0	0	0
3920	Mat Handling Equip, Nonself-propelled	1,496	138	265	718	375	0	0
3930	Warehouse Trks & Tractors, Self-propelled	174,329	61,862	5,165	73,303	33,919	0	80
3940	Blocks Tackle Rigging and Slings	4,961	1,105	636	46	2,980	194	0
3950	Winches, Hoists, Cranes and Derricks	50,386	1,436	45,507	645	1,269	1,529	0
3960	Elevators and Escalators	69	41	25	0	0	0	0
3990	Miscellaneous Materials Handling Equip	81,603	14,159	11,429	25,491	27,349	3,175	0
4010	Chain and Wire Rope	14,737	2,032	3,060	2,237	6,008	1,400	0
4020	Fiber Rope Cordage and Twine	12,132	0	2,210	336	9,586	0	0
4030	Fittings for Rope, Cable and Chain	6,391	3,889	535	0	1,522	393	52
4110	Refrigeration Equip	24,246	4,260	4,794	4,921	10,271	0	0
4120	Air Conditioning Equip	50,359	23,387	8,001	16,195	2,382	50	344
4130	Refrigeration and Air Conditioning Comps	13,593	5,017	2,315	2,531	3,730	0	0
4140	Fans, Air Circulators & Blower Equip	27,423	10,512	12,864	375	3,672	0	0
4210	Fire Fighting Equipment	106,501	7,218	11,200	63,838	24,245	0	0
4220	Marine Lifesaving and Diving Equipment	20,135	343	10,006	3,567	6,219	0	0
4230	Decontaminating and Impregnating Equip	21,726	19,291	1,628	406	401	0	0
4240	Safety and Rescue Equipment	188,558	122,197	8,887	45,776	11,202	0	496
4310	Compressors and Vacuum Pumps	36,351	4,490	21,156	3,590	6,635	378	102
4320	Power and Hand Pumps	71,394	23,166	26,970	8,223	12,942	93	0
4330	Centrifugals, Separators, and Filters	19,438	5,083	5,194	462	8,699	0	0
4410	Industrial Boilers	2,711	279	1,590	172	670	0	0
4420	Heat Exchangers and Steam Condensers	4,702	150	2,521	884	1,147	0	0
4430	Industrial Furnaces, Kilns, Lehrs & Ovens	1,811	221	929	969	92	0	0
4440	Driers, Dehydrators and Anhydrators	3,252	330	1,600	72	1,250	0	0
4460	Air Purification Equipment	13,672	343	12,421	801	0	107	0
4470	Nuclear Reactors	380,421	0	380,421	0	0	0	0
4510	Plumbing Fixtures and Accessories	5,386	2,329	216	494	2,347	0	0
4520	Space Heating Eq & Domestic Water Heaters	8,683	609	225	1,423	6,426	0	0
4530	Fuel Burning Equipment Units	2,009	131	597	0	1,281	0	0
4540	Misc Plumbing, Heating & Sanitation Equip	7,817	1,603	2,628	469	3,117	0	0
4610	Water Purification Equipment	36,139	27,946	3,678	961	3,513	41	0
4620	Water Distillation Equip Marine & Indust	247	0	247	0	0	0	0
4630	Sewage Treatment Equipment	1,798	0	166	215	1,340	77	0
4710	Pipe and Tube	27,175	10,287	4,623	3,217	8,033	96	919
4720	Hose and Tubing, Flexible	26,351	1,585	4,768	2,274	17,606	118	0
4730	Fittings & Specialties: Hose, Pipe & Tube	38,245	13,009	7,724	2,377	15,099	36	0
4810	Valves, Powered	49,267	7,415	10,744	19,740	7,322	4,046	0
4820	Valves, Nonpowered	71,886	4,890	38,573	8,036	20,338	49	0
4910	Motor Veh Maint & Repr Shop Specialized Eq	17,269	13,390	1,079	1,004	1,796	0	0
4920	Acft Maint & Repair Shop Specialized Equip	278,993	13,979	38,506	226,056	452	0	0
4921	Torpedo Maint, Repair & Checkout Spec Eq	233	0	154	79	0	0	0
4925	Ammunition Maint, Repr & Checkout Spec Eq	5,576	1,116	0	4,426	34	0	0
4927	Rocket Maint, Repair & Checkout Spec Equip	986	986	0	0	0	0	0
4930	Lubrication & Fuel Dispensing Equipment	16,143	8,581	506	742	6,314	0	0
4931	Fire Control Maint & Repair Shop Spec Eq	11,269	2,487	8,782	0	0	0	0
4933	Weapons Maint, Repair & Checkout Spec Eq	9,715	8,590	0	1,092	33	0	0
4935	Guided Missile Maint, Repair Specialized Eq	33,382	12,811	9,568	10,975	28	0	0
4940	Miscellaneous Maint, Repair Specialized Eq	30,960	10,052	7,061	12,147	1,624	76	0
5110	Hand Tools, Edged, Nonpowered	1,467	306	1,017	144	0	0	0
5120	Hand Tools, Nonedged, Nonpowered	5,216	1,203	1,823	2,190	0	0	0
5130	Hand Tools, Power Driven	3,077	873	1,691	513	0	0	0
5133	Drill Bits, Counterbores, and Countersinks	144	0	144	0	0	0	0
5136	Taps, Dies, and Collets: Hand and Machine	291	0	31	260	0	0	0
5140	Tool and Hardware Boxes	331	96	108	127	0	0	0
5180	Sets, Kits and Outfits of Hand Tools	9,472	2,218	1,320	5,934	0	0	0
5210	Measuring Tools, Craftsman's	631	76	169	341	0	45	0
5220	Inspection Gauges & Precision Layout Tools	1,519	531	446	542	0	0	0
5280	Sets, Kits and Outfits of Measuring Tools	127	89	0	0	0	38	0
5305	Screws	6,459	217	473	1,481	4,288	0	0
5306	Bolts	10,155	1,665	1,706	2,273	4,511	0	0
5307	Studs	638	95	339	50	154	0	0
5310	Nuts and Washers	10,295	1,004	1,780	1,891	5,620	0	0
5315	Nails, Keys and Pins	5,193	679	1,438	2,040	1,036	0	0
5320	Rivets	4,633	0	55	337	4,241	0	0
5325	Fastening Devices	1,736	62	337	444	893	0	0

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
5330	Packing and Gasket Materials	24,261	7,017	4,578	4,924	7,742	0	0
5335	Metal Screening	2,054	2,007	0	0	47	0	0
5340	Miscellaneous Hardware	12,568	14,531	5,826	46,620	13,597	98	0
5350	Abrasive Materials	3,135	221	1,420	1,494	0	0	0
5355	Knobs and Pointers	498	0	108	0	390	0	0
5360	Coil, flat and Wire Springs	1,787	87	410	804	486	0	0
5365	Rings, Shims and Spacers	6,477	3,776	1,048	703	950	0	0
5410	Prefabricated and Portable Buildings	62,835	35,592	16,949	8,167	2,010	117	0
5411	Rigid Wall Shelters	28,809	6,070	22,155	584	0	0	0
5420	Bridges, Fixed and Floating	5,570	3,510	1,990	39	31	0	0
5430	Storage Tanks	18,716	12,510	5,941	91	30	144	0
5440	Scaffolding Equipment and Concrete Forms	2,279	56	1,507	60	624	32	0
5445	Prefabricated Tower Structures	383	0	94	289	0	0	0
5450	Miscellaneous Prefabricated Structures	22,592	1,292	2,075	3,563	4,833	10,072	757
5510	Lumber and Related Basic Wood Materials	13,573	6,723	3,318	269	3,232	31	0
5520	Millwork	160	60	0	63	37	0	0
5530	Plywood and Veneer	7,181	828	512	0	5,783	58	0
5610	Mineral Construction Materials, Bulk	16,719	9,936	1,427	774	0	4,512	70
5620	Building Glass, Tile, Brick and Block	177	99	78	0	0	0	0
5630	Pipe and Conduit, Nonmetallic	106	0	31	75	0	0	0
5640	Wallboard Bldg & Thermal Insulation Mat	2,660	796	1,227	599	0	0	38
5650	Roofing and Siding Materials	904	0	904	0	0	0	0
5660	Fencing, Fences and Gates	32,518	157	286	31	32,044	0	0
5670	Building Components, Prefabricated	7,066	6,608	337	121	0	0	0
5680	Miscellaneous Construction Materials	45,760	19,673	5,731	518	0	19,180	658
5805	Telephone and Telegraph Equipment	196,241	67,345	21,139	73,788	4,492	2,552	26,925
5810	Communications Security Equip and Comps	314,383	7,824	19,765	286,328	49	33	384
5811	Other Cryptologic Equipment & Components	17,812	15,467	402	1,943	0	0	0
5815	Teletype and Facsimile Equipment	53,162	10,998	40,228	438	1,032	0	466
5820	Radio & TV Comm Equipment, Except Airborne	450,253	190,911	128,417	118,511	479	521	11,354
5821	Radio and TV Comm Equipment, Airborne	220,991	88,678	20,942	110,918	207	0	246
5825	Radio Navigation Equip, Except Airborne	113,566	29,211	36,981	51,035	53	286	0
5826	Radio Navigation Equipment, Airborne	116,651	15,375	36,715	64,528	33	0	0
5830	Intercomm Public Address Sys, Ex Airborne	23,940	1,144	21,378	627	534	0	257
5831	Intercomm Public Address Sys, Airborne	16-	25	613-	276	296	0	0
5835	Sound Recording & Reproducing Equipment	21,554	7,634	10,346	2,593	505	25	451
5836	Video Recording and Reproducing Equipment	21,730	2,466	10,393	8,432	107	184	148
5840	Radar Equipment, Except Airborne	544,329	50,702	408,558	84,793	232	0	44
5841	Radar Equipment, Airborne	725,262	69,714	352,729	302,538	281	0	0
5845	Underwater Sound Equipment	1,104,137	2,459	1,101,250	105-	33	500	0
5850	Visible & Invisible Light Comm Equipment	2,158	223	1,507	136	292	0	0
5855	Night Vision Equipment	430,051	329,694	85,700	15,232	575-	0	0
5860	Stimulated Coherent Radiation Devices	16,020	2,295	4,337	9,309	79	0	0
5865	Elec Countermeasures & Quick Reaction Eq	961,107	45,553	116,031	799,523	0	0	0
5895	Miscellaneous Communication Equipment	1,011,796	584,614	416,958	8,301-	4,175	891	13,456
5905	Resistors	4,768	493	360	1,165	2,750	0	0
5910	Capacitors	1,985	82	269	685	949	0	0
5915	Filters and Networks	12,323	1,539	6,485	1,174	3,125	0	0
5920	Fuses, Arrestors, Absorbers, & Protectors	1,351	226	145	312	627	41	0
5925	Circuit Breakers	18,168	354	12,280	72	5,462	0	0
5930	Switches	60,153	7,737	30,761	3,476	17,978	201	0
5935	Connectors Electrical	22,455	2,148	5,000	3,898	11,182	0	227
5940	Lugs Terminals and Terminal Strips	5,462	498	250	2,066	2,648	0	0
5945	Relays and Solenoids	24,593	4,234	5,398	1,159	13,771	31	0
5950	Coils and Transformers	12,627	3,921	2,761	2,296	3,619	30	0
5955	Piezoelectric Crystals	8,954	1,947	1,100	5,509	398	0	0
5960	Electron Tubes & Assoc Hardware	264,442	3,691	42,249	188,840	29,548	0	114
5961	Semiconductor Devices & Assoc Hardware	5,281	607	2,578	285	1,811	0	0
5962	Microcircuits - Electronic	22,976	4,875	3,122	7,595	7,286	0	48
5963	Electronic Modules	279,488	5,365	272,924	297	902	0	0
5965	Headsets, Handsets, Microphones & Speakers	9,938	1,915	167	252	7,604	0	0
5970	Elec Insulators and Insulating Material	2,933	0	1,039	0	1,894	0	0
5975	Electrical Hardware and Supplies	25,607	8,832	8,740	3,625	4,410	0	0
5977	Electrical Contact Brushes & Electrodes	2,328	190	401	339	1,398	0	0
5980	Optoelectronic Devices & Assoc Hardware	2,647	327	697	1,203	420	0	0
5985	Antennas, Waveguides & Related Equipment	286,524	45,055	54,017	172,576	14,876	0	0
5990	Synchros and Resolvers	4,528	868	1,380	652	1,628	0	0
5995	Cable, Cord, Wire Assemblies, Comm Equip	53,795	19,292	20,998	7,167	5,772	79	487
5998	Electrical & Elec Assys, Boards, Cards	167,369	28,711	86,225	42,313	6,120	0	0
5999	Misc Electrical and Electronic Components	1,133,721	51,287	144,103	934,692	2,785	346	508
6004	Rotary Joints	201	0	201	0	0	0	0
6008	Optical Multiplexers/Demultiplexers	143	0	143	0	0	0	0
6010	Fiber Optic Conductors	161	51	82	28	0	0	0
6015	Fiber Optic Cables	70,391	44,438	24,378	1,491	27	0	57
6020	Fiber Optic Cable Assemblies and Harnesses	315	8	257	0	0	50	0
6021	Fiber Optic Switches	43	0	43	0	0	0	0

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
6025	Fiber Optic Transmitters	305	226	0	79	0	0	0
6030	Fiber Optic Devices	3,931	129	3,242	513	0	0	47
6032	Fiber Optic Light Sources	56	0	56	0	0	0	0
6035	Fiber Optic Light Transfer and Image Trans	322	0	0	322	0	0	0
6050	Fiber Optic Passive Devices	116	0	116	0	0	0	0
6060	Fiber Optic Interconnectors and Supplies	437	70	111	256	0	0	0
6070	Fiber Optic Accessories and Supplies	1,194	143	424	627	0	0	0
6080	Fiber Optic Kits & Sets	151	0	29	122	0	0	0
6099	Miscellaneous Fiber Optic Components	2,770	2,257	483	30	0	0	0
6105	Motors, Electrical	30,065	4,307	11,560	6,864	7,334	0	0
6110	Electrical Control Equipment	45,790	25,084	8,538	5,752	5,173	1,140	103
6115	Generators and Generator Sets, Electrical	157,934	14,105	41,055	100,194	1,839	535	206
6116	Fuel Cell Power Units and Comps	611	0	541	0	0	0	70
6117	Solar Electric Power Systems	133	26	107	0	0	0	0
6120	Transformers, Distribution & Power Station	3,078	954	790	1,203	59	0	72
6125	Converters, Electrical, Rotating	8,718	76	4,732	3,395	515	0	0
6130	Converters, Electrical, Nonrotating	144,480	22,989	31,677	85,513	4,232	0	69
6135	Batteries, Nonrechargeable	77,377	65,983	7,180	673	3,541	0	0
6140	Batteries, Rechargeable	65,028	40,984	8,324	7,287	8,243	89	101
6145	Wire and Cable, Electrical	40,062	3,889	4,240	2,015	36,156	79	1,461
6150	Misc Electric Power & Distribution Eq	46,566	15,644	15,284	11,290	3,557	529	262
6160	Miscellaneous Battery Retaining Fixtures &	329	182	147	0	0	0	0
6210	Electric Lighting Fixtures-Indoor, Outdoor	10,574	2,983	3,127	813	3,573	0	78
6220	Electric Vehicular Lights and Fixtures	17,622	2,214	2,947	4,563	7,898	0	0
6230	Electric Portable & Hand Lighting Equip	12,645	1,536	855	907	9,347	0	0
6240	Electric Lamps	8,709	569	926	674	6,540	0	0
6250	Ballasts, Lampholders and Starters	834	508	0	0	326	0	0
6260	Nonelectrical Lighting Fixtures	14,230	516	81	0	13,633	0	0
6310	Traffic and Transit Signal Systems	338	0	338	0	0	0	0
6320	Shooboard Alarm and Signal Systems	4,995	0	4,650	0	308	37	0
6340	Aircraft Alarm and Signal Systems	6,620	217	1,221	4,588	594	0	0
6350	Misc Alarm, Signal and Security Systems	38,480	7,593	18,275	7,376	2,356	42	2,838
6505	Drugs, Biologicals	458,782	66,753	9,010	2,843	380,176	0	0
6508	Medicated Cosmetics and Toiletries	1,152	308	50	0	794	0	0
6510	Surgical Dressing Materials	34,634	211	433	134	33,856	0	0
6515	Medical & Surgical Instruments, Equip & Su	119,491	28,032	10,672	10,915	69,751	0	121
6520	Dental Instruments, Equip and Supplies	9,040	2,419	632	1,414	4,575	0	0
6525	X-ray Equip & Sup; Medical, Dental & Vet	65,341	4,064	1,022	1,525	58,730	0	0
6530	Hospital Furniture, Equip, Utensils & Sup	78,818	37,669	4,005	4,606	32,538	0	0
6532	Hospital & Surgical Clothing	4,246	0	422	0	3,824	0	0
6540	Ophthalmic Instruments, Equip & Supplies	14,083	507	3,277	134	10,165	0	0
6545	Medical Sets, Kits and Outfits	16,934	2,707	978	0	13,249	0	0
6550	In Vitro Diagnostic Substances, Reagents	15,170	7,102	5,530	1,760	778	0	0
6605	Navigational Instruments	264,122	6,518	126,148	130,481	354	621	0
6610	Flight Instruments	81,869	20,917	13,527	47,162	263	0	0
6615	Automatic Pilot Mechanisms Airborne Gyro	77,919	7,111	29,998	40,718	92	0	0
6620	Engine Instruments	28,012	6,855	4,496	14,839	1,822	0	0
6625	Electrical & Elct Meas & Test Instruments	523,877	149,675	194,246	173,202	4,570	134	2,050
6630	Chemical Analysis Instruments	34,949	9,030	17,213	7,493	1,004	182	27
6635	Physical Properties Testing Equipment	27,010	3,953	8,389	12,823	1,554	291	0
6636	Environmental Chambers and Related Equip	11,385	4,075	1,647	5,584	40	39	0
6640	Laboratory Equipment and Supplies	30,185	15,010	9,020	3,948	933	617	657
6645	Time Measuring Instruments	15,599	7,072	1,449	2,293	4,635	0	150
6650	Optical Instruments, Test Equip, Comps & A	28,907	11,995	8,686	7,513	674	39	0
6655	Geophysical Instruments	1,846	363	965	73	236	109	0
6660	Meteorological Instruments and Apparatus	27,612	8,708	4,875	13,037	613	379	0
6665	Hazard-detecting Instruments & Apparatus	90,095	68,799	16,841	2,262	2,917	0	276
6670	Scales and Balances	7,191	211	511	3,737	2,732	0	0
6675	Drafting, Surveying & Mapping Instruments	12,221	4,687	3,031	3,460	229	686	128
6680	Flow, Level, Motion Measuring Instruments	20,451	4,675	3,875	8,182	3,650	69	0
6685	Pressure, Temperature & Humidity Insts	41,591	2,616	5,405	28,327	5,097	36	110
6695	Combination & Miscellaneous Instruments	24,571	7,836	11,987	3,021	994	704	29
6710	Cameras, Motion Picture	17,671	1,802	12,386	3,351	0	31	101
6720	Cameras, Still Picture	3,368	1,019	1,106	884	285	0	74
6730	Photographic Projection Equipment	3,443	1,122	681	838	667	0	135
6740	Photo Developing and Finishing Equip	8,211	1,088	929	5,738	56	0	400
6750	Photographic Supplies	20,346	2,144	794	1,021	15,242	53	1,092
6760	Photographic Equipment and Accessories	9,079	2,098	4,716	1,285	515	0	465
6770	Film, Processed	534	131	214	109	80	0	0
6780	Photographic Sets, Kits and Outfits	126	1,113	74	1,313	0	0	0
6810	Chemicals	24,603	6,970	5,393	1,502	10,573	165	0
6820	Dyes	291	215	76	0	0	0	0
6830	Gases, Compressed and Liquefied	60,580	3,297	10,236	699	46,008	340	0
6840	Pest Control Agents and Disinfectants	56,647	0	619	1,134	54,744	150	0
6850	Miscellaneous Chemical Specialties	43,782	2,152	1,877	5,797	33,862	47	47
6910	Training Aids	147,731	4,862	109,590	32,932	347	0	0



**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
6920	Armament Training Devices	78,953	23,729	48,079	4,654	2,491	0	0
6930	Operational Training Devices	384,448	21,731	115,075	247,642	0	0	0
6940	Communication Training Devices	41,537	236	22,326	18,975	0	0	0
7010	ADPE Configuration	783,939	173,482	273,421	230,679	13,425	31,852	61,080
7020	ADP Central Processing Unit - Analog	33,730	5,531	9,225	7,359	192	31	11,392
7021	ADP Central Processing Unit - Digital	55,878	13,063	14,394	18,505	111	1,280	8,525
7022	ADP Central Processing Unit - Hybrid	10,743	1,450	2,063	6,996	0	234	0
7025	ADP Input/output and Storage Devices	294,026	121,101	67,336	68,754	29,549	1,436	5,850
7030	ADP Software	292,055	50,932	30,666	145,453	48,175	2,721	14,108
7035	ADP Support Equip	247,012	28,361	127,125	77,090	3,583	2,759	8,094
7040	Punched Card Equip	32,353	31,168	987	85	39	0	74
7042	Mini & Micro Computer Control Devices	30,588	4,856	7,407	460	0	1,057	16,808
7045	ADP Supplies	66,730	15,307	10,220	34,455	4,987	1,181	580
7050	ADP Components	114,031	18,234	35,170	38,649	15,708	1,293	4,977
7105	Household Furniture	74,968	21,785	20,356	12,782	20,045	0	0
7110	Office Furniture	193,597	80,478	36,278	54,570	8,287	4,267	9,717
7125	Cabinets, Lockers, Bins and Shelving	25,466	8,969	8,614	7,039	559	196	89
7195	Miscellaneous Furniture and Fixtures	24,164	9,518	6,428	7,481	67	420	250
7210	Household Furnishings	63,175	2,712	3,175	2,963	54,325	0	0
7220	Floor Coverings	14,091	3,479	4,024	5,850	128	26	584
7230	Draperies, Awnings and Shades	7,023	2,607	1,665	2,751	0	0	0
7240	Household and Commercial Util Containers	6,217	230	694	0	5,293	0	0
7290	Msc Household Coml Furnishings Appliances	2,787	1,432	1,029	196	130	0	0
7310	Food Cooking Baking Serving Equip	14,313	1,877	1,713	930	9,793	0	0
7320	Kitchen Equipment and Appliances	8,671	2,255	1,549	568	4,299	0	0
7330	Kitchen Hand Tools and Utensils	3,095	108	28	0	3,175	0	0
7340	Cutlery and Flatware	12,728	500	0	45	12,183	0	0
7350	Tableware	3,704	74	0	202	3,428	0	0
7360	Sets, Kits, Outfits, & Modules, Food Prep &	28,465	17,289	0	483	11,659	0	0
7420	Accounting and Calculating Machines	490	223	80	45	43	99	0
7430	Typewriters & Office Type Composing Mach	1,057	476	456	125	0	0	0
7435	Office Information System Equipment	1,725	932	365	263	0	165	0
7450	Office Type Sound Recording Repro Mach	2,031	206	1,197	628	0	0	0
7460	Visible Record Equipment	5,220	554	998	3,197	363	108	0
7490	Miscellaneous Office Machines	3,890	1,194	1,213	1,020	62	330	71
7510	Office Supplies	5,815	806	4,317	219	149	34	290
7520	Office Devices and Accessories	1,592	627	487	445	0	33	0
7530	Stationery and Record Forms	18,287	4,421	6,744	3,311	1,603	0	2,208
7540	Standard Forms	69	0	0	69	0	0	0
7610	Books and Pamphlets	50,380	9,606	3,319	30,421	6,604	256	174
7630	Newspapers and Periodicals	5,377	1,052	333	3,118	60	543	271
7640	Maps, Atlases Charts and Globes	13,432	0	114	0	0	0	13,318
7650	Drawings and Specifications	1,103	640	424	39	0	0	0
7660	Sheet and Book Music	34	0	0	34	0	0	0
7670	Microfilm Processed	4,614	1,723	1,672	485	425	309	0
7690	Miscellaneous Printed Matter	72,574	407	71,932	95	101	39	0
7710	Musical Instruments	611	350	88	119	54	0	0
7720	Musical Instrument Parts and Accessories	105	76	0	29	0	0	0
7730	Phonographs, Radio, TV Sets: Home Type	1,511	502	311	537	0	0	161
7740	Phonograph Records	1,594	0	0	105	0	0	1,489
7810	Athletic and Sporting Equipment	3,873	1,615	794	1,408	30	26	0
7820	Games, Toys and Wheeled Goods	491	334	157	0	0	0	0
7830	Recreational and Gymnastic Equipment	6,811	1,828	2,675	2,275	0	33	0
7910	Floor Polishers and Vacuum Cleaners	2,514	1,199	579	621	115	0	0
7920	Brooms, Brushes, Mops and Sponges	1,906	163	273	192	1,278	0	0
7930	Cleaning & Polishing Compounds & Preps	35,530	248	2,984	4,472	27,826	0	0
8010	Paints, Dopes, Varnishes & Related Product	6,586	1,435	4,744	198	0	209	0
8020	Paint and Artists' Brushes	963	0	963	0	0	0	0
8030	Preservative and Sealing Compounds	196	88	742	634	0	0	0
8040	Adhesives	938	25	776	99	0	0	38
8105	Bags and Sacks	28,907	7,339	524	200	19,871	973	0
8110	Drums and Cans	8,557	1,270	73	35	7,179	0	0
8115	Boxes, Cartons and Crates	54,814	8,671	34,884	1,175	10,084	0	0
8120	Commercial & Industrial Gas Cylinders	4,087	456	1,258	1,637	736	0	0
8130	Reels and Spools	25	25	0	0	0	0	0
8135	Packaging and Packing Bulk Materials	6,047	1,419	1,490	312	2,763	0	63
8140	Ammunition & Nuclear Ordnance Containers	51,516	18,360	20,709	12,093	354	0	0
8145	Specialized Shipping & Storage Containers	95,337	20,408	64,660	10,101	103	0	65
8305	Textile Fabrics	33,257	3,412	2,000	254	27,591	0	0
8310	Yarn and Thread	215	78	0	0	137	0	0
8315	Notions and Apparel Findings	3,538	0	0	0	3,538	0	0
8320	Padding and Stuffing Materials	298	0	107	0	191	0	0
8330	Leather	157	0	0	0	157	0	0
8335	Shoe Findings and Soling Materials	45	0	0	0	45	0	0
8340	Tents and Tarpaulins	86,632	31,048	0	2,264	53,320	0	0
8345	Flags and Pennants	8,870	271	0	0	8,527	27	45

**TABLE 4-3**  
**Supplies and Equipment**  
**by DoD Component**  
**Fiscal Year 1991**

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
8405	Outerwear, Men's	119,150	1,604	480	1,101	115,965	0	0
8410	Outerwear, Women's	16,064	194	64	1,135	14,671	0	0
8415	Clothing, Special Purpose	688,870	7,053	3,835	1,631	676,275	76	0
8420	Underwear and Nightwear, Men's	36,423	119	0	141	36,163	0	0
8425	Underwear and Nightwear, Women's	1,112	0	0	1,112	0	0	0
8430	Footwear, Men's	145,736	675	4,982	2,321	137,758	0	0
8435	Footwear, Women's	3,843	50	0	861	2,932	0	0
8440	Hosiery, Handwear & Clothing Accy, Men's	32,519	56	0	101	32,362	0	0
8445	Hosiery Handwear & Clothing Accy, Women's	1,776	0	0	147	1,629	0	0
8450	Children's & Infant's Apparel & Accy	7,927	30	0	0	7,897	0	0
8455	Badges and Insignia	10,327	216	0	74	9,956	0	81
8460	Luggage	10,433	180	111	220	9,922	0	0
8465	Individual Equipment	96,767	7,395	13,060	591	75,721	0	0
8470	Armor, Personal	62,860	374	1,233	377	60,876	0	0
8475	Specialized Flight Clothing & Accessories	20,928	31	4,724	16,173	0	0	0
8510	Perfumes, Toilet Preparations and Powders	15,960	72	31	187	15,814	0	0
8520	Toilet Soap, Shaving Prep, Dentifrices	7,754	0	722	255	6,777	0	0
8530	Personal Toiletry Articles	3,494	36	537	85	2,836	0	0
8540	Toiletry Paper Products	27,788	126	2,134	5,699	19,829	0	0
8710	Forage and Feed	11,519	158	1,003	0	10,358	0	0
8720	Fertilizers	351	75	0	0	0	276	0
8730	Seeds and Nursery Stock	470	470	0	0	0	0	0
8810	Live Animals Raised for Food	273	0	273	0	0	0	0
8820	Live Animals not Raised for Food	416	378	38	0	0	0	0
8905	Meat, Poultry and Fish	481,950	5,164	3,052	22,845	450,889	0	0
8910	Dairy Foods and Eggs	121,310	22,686	8,137	1,615	88,872	0	0
8915	Fruits and Vegetables	193,712	0	2,577	500	190,635	0	0
8920	Bakery and Cereal Products	195,482	4,822	8,326	32,851	149,483	0	0
8925	Sugar, Confectionery and Nuts	79,179	978	1,019	616	76,566	0	0
8930	Jams, Jellies and Preserves	12,774	38	31	0	12,705	0	0
8935	Soups and Bouillons	21,703	0	735	831	20,137	0	0
8940	Special Dietary Foods & Specialty Prep	520,874	502	2,022	316	518,034	0	0
8945	Food, Oils and Fats	22,422	0	102	59	22,261	0	0
8950	Condiments and Related Products	34,575	94	1,595	67	32,819	0	0
8955	Coffee, Tea and Cocoa	34,930	0	233	376	34,321	0	0
8960	Beverages, Nonalcoholic	42,580	1,856	5,155	5,396	30,173	0	0
8970	Composite Food Packages	375,065	3,636	28	25	371,376	0	0
8975	Tobacco Products	99,659	2,076	636	61,987	34,960	0	0
8999	Food Items for Resale	134,024	96,935	20,814	16,221	0	0	54
9110	Fuels, Solid	38,923	769	0	152	38,002	0	0
9130	Liquid Propellants & Fuel, Petroleum Base	4,673,498	3,646	488	16,524	4,652,695	145	0
9135	Liquid Propellant Fuels, Chemical Base	68,302	268	0	68,034	0	0	0
9140	Fuel Oils	1,049,356	12,053	4,836	0	1,031,725	742	0
9150	Oils & Greases: Cutting, Lubr & Hydraulic	171,786	467	10,390	117	160,770	42	0
9160	Miscellaneous Waxes, Oils and Fats	229	0	0	0	229	0	0
9310	Paper and Paperboard	13,093	417	190	398	7,177	27	4,884
9320	Rubber Fabricated Materials	6,947	245	6,422	0	218	62	0
9330	Plastics Fabricated Materials	4,677	480	1,170	0	5,242	125	0
9340	Glass Fabricated Materials	1,052	517	0	28	441	0	66
9350	Refractories & Fire Surfacing Materials	56	0	0	0	56	0	0
9390	Misc Fabricated Nonmetallic Materials	7,930	4,038	670	2,299	923	0	0
9430	Misc Crude Animal Products, Inedible	36	0	0	0	0	36	0
9450	Nonmetallic Scrap, Except Textile	146	146	0	0	0	0	0
9505	Wire, Nonelectrical, Iron and Steel	10,381	0	0	0	234	10,147	0
9510	Bars and Rods, Iron and Steel	2,475	338	1,840	0	172	33	92
9515	Plate, Sheet, Strip & Foil: Iron and Steel	10,521	3,130	2,361	111	4,778	84	57
9520	Structural Shapes, Iron and Steel	7,136	261	968	2,784	670	2,453	0
9525	Wire, Nonelectrical, Nonferrous Base Metal	243	0	0	0	243	0	0
9530	Bars and Rods, Nonferrous Base Metal	2,414	96	1,255	194	869	0	0
9535	Plate Sheet Strip Foil: Nonferrous Metal	12,274	1,023	1,424	699	9,068	0	0
9540	Structural Shapes, Nonferrous Base Metal	1,918	149	1,086	35	223	37	388
9545	Plate Sheet Strip & Wire: Precious Metal	100	0	0	0	0	0	100
9610	Ores	76	0	0	76	0	0	0
9620	Minerals, Natural and Synthetic	3,584	3,069	169	0	0	346	0
9630	Additive Metal Materials & Master Alloys	63	0	0	0	63	0	0
9640	Iron & Steel Primary & Semifinished Prod	897	868	0	0	29	0	0
9650	Nonferrous Base Metal Refinery	374	106	146	0	122	0	0
9905	Signs, Advertising Displays, Ident Plates	3,001	2,352	128	388	101	32	0
9910	Jewelry	87	87	0	0	0	0	0
9920	Smokers' Articles and Matches	2,435	0	79	667	1,689	0	0
9925	Ecclesiastical Equip, Furnishings & Sup	350	0	0	0	350	0	0
9930	Memorials: Cemetery & Mortuary Eq & Sup	2,951	0	0	38	2,913	0	0
9998	Nonfood Items for Resale	63,308	62,094	906	308	0	0	0
9999	Miscellaneous Items	2,490,793	387,102	97,646	1,908,041	4,196	2,276	91,532

# LIST OF ABBREVIATIONS

The following abbreviations are used in this publication:

A&E	Architect and Engineer	MACH	Machine
AC	Air Conditioning	MAINT	Maintenance
ACCY	Accessory	MAP	Mapping
ACFT	Aircraft	MAT	Material
ADMIN	Administration	MEAS	Measure
ADP	Automatic Data Processing	MECH	Mechanical
ALTER	Alteration	MFG	Manufacturing
AMMO	Ammunition	MGMT	Management
ASSY	Assembly	MISC,MSL	Miscellaneous
		MM	Millimeter
BLDG(S)	Building	MSL	Missile
BTWN	Between		
		NAV	Navigational
CFT	Craft	NBS	Non-Building Structures
COML	Commercial	NUCL	Nuclear
COMM	Communications		
COMP(S)	Component	OPER	Operation
CONST	Construction	ORD	Ordinance
CONT	Continued		
CYC(S)	Cycle	PHOTO	Photographic
		PREFAB	Prefabrication
DEV	Development	PREP	Preparation
DLVRY	Delivery	PROD	Products
DR	Driven	PROF	Professional
DV	Device	PROP	Property
		PROPUL	Propulsion
ELCT	Electronic	PUB	Publication
ENG	Engine		
ENGR	Engineer	R&D	Research & Development
ENVIRON	Environment	REAC	Reactor
EPG	Electric Power Generation	RECR	Recreation
EQ.EQUIP	Equipment	REL	Related
EX	Except	REP	Representative
EXCL	Exclude	REPR	Repair
EXPLO	Explosive	REPRO	Reproduction
FAB	Fabricated	SEC	Security
FAC	Facilities	SECD	Secondary
FLTG	Floating	SIC	Standard Industrial Classification
GBL	Government Bill of Lading	SML	Small
GND	Ground	SP	Space
GOCO	Government Owned, Contractor Operated	SPEC	Special
		STA	Station
GOGO	Government Owned, Government Operated	STR	Structures
		SUP	Supply
GOVT	Government	SURG	Surgical
GTR	Government Travel Request	SV,SVC	Service
		SYS	System
HOSP	Hospital		
HWY(S)	Highway	TECH	Technical
		TELE	Telecommunication
INCL	Including	TEX	Textile
INFO	Information	TRANS	Transmission
INST	Instrument	TRKS	Trucks
INTRCNG	Interchangeable		
		UN	Unit
LAB	Laboratory	UNDWTR	Underwater
LANG	Language	UTIL	Utility
LDG	Landing		
LTHP	Leather	VEH	Vehicle
LUBR	Lubricants	VET	Veterinary
		WPN	Weapon